



Division of RF Industries

Coax Connector Solutions

for over 30 years

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



Connectors & Adapters

BNC, TNC, N, SMA, SMB, SSMB, MCX, MMCX, UHF, Mini-UHF, 7-16 DIN, 1.0/2.3 and more

Also available in reverse polarity, reverse thread and 75-Ohm



Preparation & Installation Tools

Crimp tools & Kits, Cutters, Strippers



Test & Measurement Kits

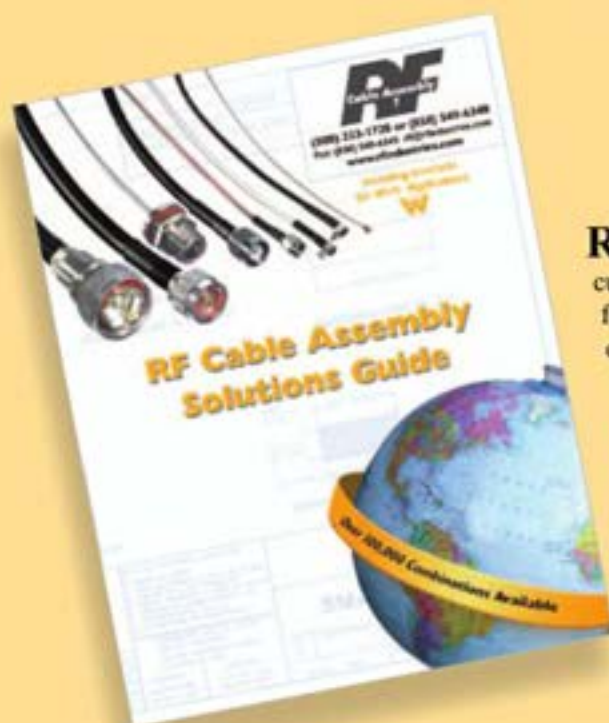
Universal Adapter Family (Unidapt™)
7-16 DIN Adapters, RF Adapters



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fax: (858) 549-6345 • email: rfi@rfindustries.com • web: www.rfindustries.com

Revised 7-07-2013

Not only do we have your connectors, we've got your Cable Assemblies



RF Cable Assembly is a quality manufacturer of standard and custom cable assemblies and electromechanical wiring harnesses for medical, computer, LAN, RF, automotive, monitoring and communications equipment. We can build custom cables to meet your requirements, whether standard or special.

Complete product design, tooling design and fabrication, materials processing and selection, product manufacture, assembly, testing and packaging are available in our San Diego facility.

All our assembly and soldering technicians have been trained to the requirements of IPC/EIA J-STD-001 and IPC/WHMA-A-620. By creating and using hand tools and assembly jigs designed for their tasks and using them in our documented production processes, we produce quality with repeatability.

VALUE-ADDED SERVICES

- Specialized testing and validation available
- Kitting, material traceability and scheduled releases
- Private labeling, product marking, testing, lot control and documentation
- Product/process development assistance
- Component sourcing and scheduled release programs
- Insert injection molding
- Ultrasonic welding
- Automated wire and cable preparation
- VNA sweep testing, 50 MHz to 40 GHz
- Mechanical and electrical Testing

RF Cable Assembly Solutions Guide includes:

- Connector Identification Chart
- Cable Compatibility Chart



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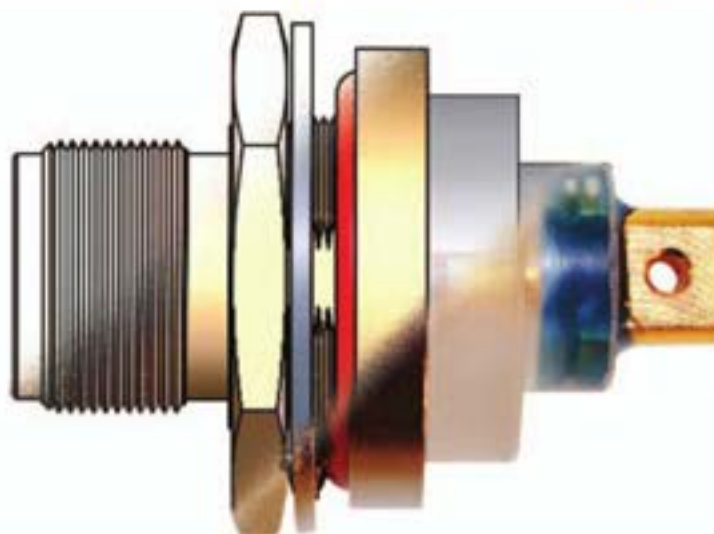


**AVIEL
ELECTRONICS**

AVIEL ELECTRONICS designs and manufactures custom RF/microwave connectors, adapters and cable assemblies for military, aerospace and industrial applications. Aviel provides total turn-key solutions from concept to design, from design to prototype and from prototype to manufacture. Aviel has provided design and manufacture capabilities for 50 years with personal service and quick response designs, generally without non-recurring engineering or tooling expense.

Custom Coaxial Products

From Concept to Reality



CORE PRODUCTS

RF Coaxial Connectors/Adapters

Standard Interfaces: C, N, TNC, SC, HN, L, BNC, 7-16 DIN

Miniatures: SMA, SMB, SMC, MCX

Sub-Miniatures: SSMA, SSMC

Unique Interfaces: RP-TNC, RP-SMA, blindmates

Very High Frequency (>26Ghz): 1.0/2.3mm, 2.9mm, 3.5mm

Cable Assemblies

Flexible/braided, semi-rigid, conformable, phase matched

Specialty Solutions

Hermetic, high power, obsolete replacement, modified connectors

Conforming Standards

MIL-C-39012, DIN 47223, IEC 169-4, CECC22190, MIL-STD-348, FCC Part 15.203

Manufacturing Capabilities

From 1pc prototype fabrication to 1,000,000 pcs high volume manufacture

Aviel Electronics 3060 East Post Road, Suite 100, Las Vegas, NV 89120

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RFP²

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Division of RF Industries



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BNC—75 Ohm

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QMA

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SMA

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SSMB

TNC—50 Ohm

TNC—75 Ohm

UHF

Mini-UHF

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ADAPTERS

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WiFi and Broadband Cross Reference

3.5 mm

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7-16 DIN

BNC

BNC—75 Ohm

E

FME

N Type

RCA

SMA

TNC

UHF

Mini-UHF

Specialty

WiFi and Broadband

Attenuators

Unidapt™

PREPARATION & INSTALLATION TOOLS

N Connector Installation Kits

Professional Coaxial Crimper and Kits

Commercial Coaxial Crimper and Kits

Coaxial Crimp Die Sets

Stripping and Preparation Tools

Wire Cutters

Pliers

Terminal Crimp Kits

Solderless Terminal Dies

Modular Installation Kits

Modular Handtools

Comprehensive List of Dies

TEST & MEASUREMENT KITS

UNIVERSAL ADAPTER SYSTEM

Classic Unidapt™ Kits

Expanded Classic Unidapt™ Kits

Unidapt™ Expansion Kits

Unidapt™ Mega Kits

Unidapt™ Cable Testing Kits

Unidapt™ Accessories

Unicables™

Comprehensive List of Unidapt™ Adapters

BOOKSHELF ADAPTER KITS

7-16 DIN and 3.5 mm Adapter Kit

SMA Adapter Kit

Cable Testing Kit

Cable Assembly Kits and Accessories

Cellular Radio Adapter Kit

Mobile Radio Adapter Kit

LEGACY LINE

RFA 400?

RFA 4013

Classic Kits

REFERENCE

Cable Groups

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✱ Crimp vs. Solder

✱ WiFi Interface Identifier

✱ Useful Information

✱ Military/UG Connectors & Adapters Cross Reference

Index by Part Number

WARRANTY

For warranty information, please go to our [website](#).

GENERAL DISCLOSURES

Unless otherwise specified, all connectors are machined brass.
Any special order connector is non-returnable and non-refundable.
Plating and materials may differ from Military Specification.
Though seldom done, gold pins may be substituted by silver.
Not all between-series adapters are 50 ohm.

In our constant effort to provide you with competitively priced, quality connectors, we reserve the right to change product specifications without prior notice. Please contact us to verify that published specifications are current.

TRADEMARKS

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Connectors and In-Series Adapters



[1.0/2.3 Series](#)

[2.9 mm \(and Semi-Rigid Soldering Tips\)](#)

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[BNC - 75 Ohm](#)

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[MMCX](#)

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[UHF](#)

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[Wifi and Broadband](#)

1.0/2.3 SERIES

CONNECTORS

1.0/2.3

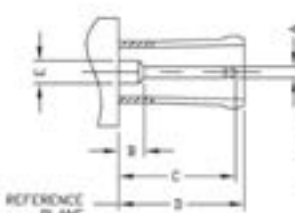
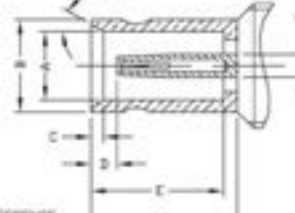
ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE

MALE		FEMALE	
			
LETTER	INCHES (MILLIMETERS) MINIMUM MAXIMUM	LETTER	INCHES (MILLIMETERS) MINIMUM MAXIMUM
A	.019 (.482)	A	.118 (3.003)
B	—	B	.159 (4.04)
C	—	C	.020 (0.51)
D	.213 (5.41)	D	.045 (1.14)
E	.029 (0.99)	E	.229 (5.79)
		F	.252 (6.40)
		G	.039 (0.99)

SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: 50 Ω WORKING VOLTAGE RATING: 250 VRMS @ SEA LEVEL FREQUENCY RANGE: 0-4 GHz MECHANICAL SPECIFICATIONS CABLING: CRIMP AND PCB SOLDER INTERFACE: CICC 22230 PLATING N - NICKEL G - GOLD DIELECTRIC MATERIAL T - PTFE		GRP	FOR THESE CABLE TYPES
		B	TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BILDEN 7805A, 8216, 83269, 83284, 84316; COMMScope AMC-174
		B1	RG-316/U DOUBLE SHIELD; RG-316

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

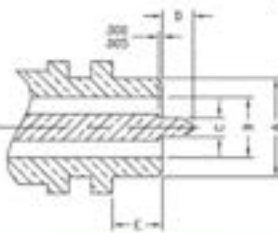
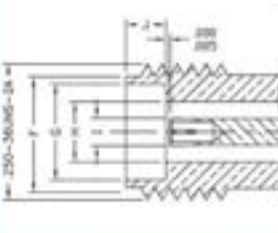
FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BOY	P/C	DIE	
RF123-7000-B	1	Male Snap on Crimp	B	for RG-174/U	N	G	T	RFA-4009-204
RF123-7000-B-03	2	Male Push on Crimp	B, B1	for RG-174/U, RG-316/U & RG-316/U Double Shield	N	G	T	RFA-4009-204
RF123-7000-B1	3	Male Snap on Crimp	B1	for RG-174/U & RG-316/U Double Shield	N	G	T	RFA-4009-204
RF123-7001-B	3	Male Slide on Crimp	B, B1	for RG-174/U, RG-316/U & RG-316/U Double Shield	N	G	T	RFA-4009-204
RF123-7002-B	4	Male Screw On Crimp	B, B1	for RG-174/U, RG-316/U & RG-316/U Double Shield	N	G	T	RFA-4005-300
RF123-7050-1B	5	Female Slide on Crimp	B, B1	for RG-174/U, RG-316/U & RG-316/U Double Shield	G	G	T	RFA-4009-204
RF123-7050-1B1	5	Female Slide on Crimp	B, B1	for RG-174/U, RG-316/U & RG-316/U Double Shield	G	G	T	RFA-4009-204
RF123-7052-1B	6	Female Crimp Bulkhead	B, B1	with Double D Flat, for for RG-174/U, RG-316/U & RG-316/U Double Shield	G	G	T	RFA-4009-204
RF123-7300-1	7	Female Right Angle PCB Bulkhead		with Double D Flat, 4 Leg	G	G	T	
RF123-7350-1	8	Female Vertical PCB Bulkhead		4 Leg	G	G	T	



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Revised 7-07-2013

PLUG		JACK	
			
LETTER	INCHES (MILLIMETERS) MINIMUM MAXIMUM	LETTER	INCHES (MILLIMETERS) MINIMUM MAXIMUM
A	.1783 (4.53)	F	.208 (5.28)
B	.1147 (2.91)	G	.181 (4.60)
C	.0354 (0.90)	H	.1146 (2.91)
D	.060 (1.52)	I	.0496 (1.26)
E	.092 (2.34)	J	.075 (1.91)

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
 WORKING VOLTAGE RATING: 250 VRMS
 FREQUENCY RANGE: 0-40 GHz

MECHANICAL SPECIFICATIONS

MATING: .250 - 36 THREAD
 DURABILITY: 500 CYCLES MINIMUM
 CABLEING: SOLDER

PLATING
 G - GOLD

DIELECTRIC MATERIAL
 NOB - NORYL OXIDE[®] BEAD

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
SR1	.085 SEMI RIGID; RG-405/U; BELDEN 1671A; RD-179

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
 RP29M-SR1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 200% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING		
					BDY	P/C	DIE
RP29M-SR1	1	Plug	SR1	Direct Solder	G	G	NOB

SEMI-RIGID CABLE SOLDERING TIPS

- Always avoid excessive heat when soldering.
- Use an active flux such as Kester #2331 when soldering semi-rigid cable to nickel-plated connector bodies.
- Fixture cable and solder ferrule or cable and connector body firmly when soldering to the jacket of semi-rigid cable.
- Work rapidly during soldering operations and cool the new joints by brushing with alcohol.
- Carefully follow the semi-rigid cable manufacturer's instructions for cable thermal cycling procedures.

3.5mm

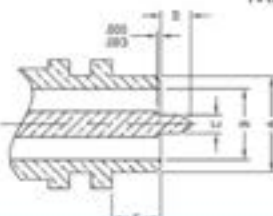
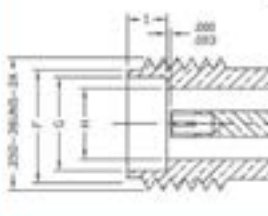
<div>MALE</div> <div></div> <div><table><tr><th>LETTER</th><th colspan="2">INCHES (MILLIMETERS)</th></tr><tr><th></th><th>MINIMUM</th><th>MAXIMUM</th></tr><tr><td>A</td><td>.1783 (4.53)</td><td>.1807 (4.59)</td></tr><tr><td>B</td><td>.1374 (3.49)</td><td>.1383 (3.51)</td></tr><tr><td>C</td><td>.0354 (0.90)</td><td>.0364 (0.93)</td></tr><tr><td>D</td><td>.060 (1.52)</td><td>.070 (1.78)</td></tr><tr><td>E</td><td>.090 (2.34)</td><td>.096 (2.44)</td></tr></table></div>		LETTER	INCHES (MILLIMETERS)			MINIMUM	MAXIMUM	A	.1783 (4.53)	.1807 (4.59)	B	.1374 (3.49)	.1383 (3.51)	C	.0354 (0.90)	.0364 (0.93)	D	.060 (1.52)	.070 (1.78)	E	.090 (2.34)	.096 (2.44)	<div>FEMALE</div> <div></div> <div><table><tr><th>LETTER</th><th colspan="2">INCHES (MILLIMETERS)</th></tr><tr><th></th><th>MINIMUM</th><th>MAXIMUM</th></tr><tr><td>F</td><td>.200 (5.08)</td><td>.252 (6.38)</td></tr><tr><td>G</td><td>.181 (4.60)</td><td>.183 (4.65)</td></tr><tr><td>H</td><td>.1374 (3.49)</td><td>.1383 (3.51)</td></tr><tr><td>I</td><td>.075 (1.91)</td><td>.077 (1.96)</td></tr></table></div>		LETTER	INCHES (MILLIMETERS)			MINIMUM	MAXIMUM	F	.200 (5.08)	.252 (6.38)	G	.181 (4.60)	.183 (4.65)	H	.1374 (3.49)	.1383 (3.51)	I	.075 (1.91)	.077 (1.96)
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SPECIFICATIONS																																										
<div>PLATING</div> <div>G - GOLD</div> <div>SS - STAINLESS STEEL</div> <div>DIELECTRIC</div> <div>R - REXOLITE®</div>	<div>GENERAL SPECIFICATIONS</div> <div>MATERIALS: BODY: STAINLESS STEEL, CORROSION-RESISTANT, NON-MAGNETIC 303, PER ASTM A484 AND A582. CONTACTS: BERYLLIUM COPPER, QQ-C 530, ALLOY 173, DIELECTRIC: REXOLITE®</div> <div>FINISH: CENTER CONTACTS ARE GOLD PLATED PER MIL-G-45204 TYPE II, CLASS 1 OVER NICKEL PLATE PER QQ-N-290. BODY AND BODY COMPONENTS ARE PASSIVATED PER ASTM A380.</div>	<div>ELECTRICAL SPECIFICATIONS</div> <div>NOMINAL IMPEDANCE: 50 Ω</div> <div>FREQUENCY: DC-34 GHz</div> <div>VSWR: 1.05 + .006 F (F=GHz) MAX, DC-34 GHz</div> <div>CONTACT RESISTANCE: CENTER CONTACT = 3.0 MILLIOHMS, OUTER CONTACT = 2.0 MILLIOHMS</div>																																								
	<div>MECHANICAL SPECIFICATIONS</div> <div>CONNECTOR DURABILITY: 500 CYCLES MINIMUM</div> <div>CONTACT TORQUE: 4.0 INCH-OUNCES MINIMUM</div> <div>COUPLING NUT MATING TORQUE: 8-10 LBS</div>	<div>ENVIRONMENTAL SPECIFICATIONS</div> <div>TEMPERATURE RATING: -55° C TO +105° C</div>																																								



FIG. 1
RF3SF-3SF-00000



FIG. 2
RF3SM-3SF-00000



FIG. 3
RF3SM-3SM-00000, -G0000

PHOTOS FOR REFERENCE ONLY, SHOWN AT 150% ACTUAL SIZE.

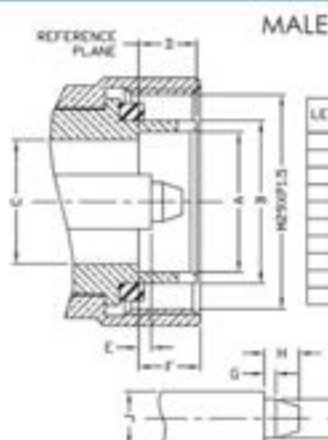
FOR MOUNTING CONFIGURATIONS

PART #	FIG.	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
RF3SF-3SF-00000	1	Adapter	3.5mm Female to 3.5mm Female	SS	G	R
RF3SM-3SF-00000	2	Adapter	3.5mm Male to 3.5mm Female	SS	G	R
RF3SM-3SM-00000	3	Adapter	3.5mm Male to 3.5mm Male	SS	G	R
RF3SM-3SM-G0000	3	Adapter	3.5mm Male to 3.5mm Male	G	G	R

Have ALL YOUR 3.5mm adapters in one convenient storage kit.

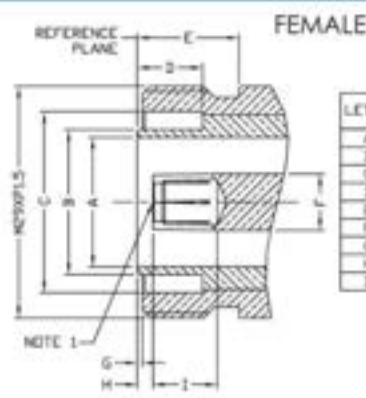


RFA-4031-01



MALE

LETTER	INCHES (MILLIMETERS)
	MINIMUM MAXIMUM
A	.710 (.031) .717 (.031)
B	.812 (.040) .843 (.040)
C	.624 (.035) .648 (.035)
D	.276 (.010) .315 (.010)
E	.258 (.010) .270 (.010)
F	.276 (.010) .315 (.010)
G	.258 (.010) .270 (.010)
H	.195 (.008) .199 (.008)
I	.275 (.011) .277 (.011)
J	.275 (.011) .277 (.011)



FEMALE

LETTER	INCHES (MILLIMETERS)
	MINIMUM MAXIMUM
A	.624 (.035) .648 (.035)
B	.812 (.040) .843 (.040)
C	.624 (.035) .648 (.035)
D	.276 (.010) .315 (.010)
E	.258 (.010) .270 (.010)
F	.276 (.010) .315 (.010)
G	.258 (.010) .270 (.010)
H	.195 (.008) .199 (.008)
I	.275 (.011) .277 (.011)
J	.275 (.011) .277 (.011)

NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .195/.199 DIA. PIN

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS
IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 2700 VRMS
FREQUENCY RANGE: DC TO 7.5 GHz

MECHANICAL SPECIFICATIONS
MATING: M 29-1.5 THREADED
COUPLING
INTERFACE: ILL-SPEC-CECC-22190
CABLING: CLAMP, SOLDER AND CRIMP

PLATING
S - SILVER

DIELECTRIC MATERIAL
T - PTFE

CABLE GROUPS

FOR THESE CABLE TYPES

C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
C2	TIMES LMR-200, ASI-22; ALPHA 984B; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
E	TIMES AA-447B; RG-8, 8A, 213/U; ALPHA 9008, 9213; BELDEN 8267, 9251, 9580, 89880; INTERCOMP 4082, 22132
E	RG-9, 9A, 9B, 214/U; ALPHA 9214; BELDEN 8242, 8268
I	TIMES AA-5886, AA-6146, LMR-400, LMR-400 ULTRAFLEX; RG-8/U TYPE; ANDREW CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; BELDEN 7810A, 8214, 9913; COMMSCOPE TCOM-400, TCOM-400-FR, TCOM-400-PUR, WBC-400, WBC-400R, CUSHCRAFT ULTRALINK TL9360S; HARBOUR HPF400
L2	TIMES LMR-600, LMR-600 ULTRAFLEX; ANDREW CNT-600, CNT-600-DB, CNT-600-FR, ; COMMSCOPE TCOM-600, TCOM-600-FR, TCOM-600-PUR, WBC-600, WBC-600R
PL	BELDEN 89913
S81	.085 SEMI RIGID; RG-405/U; BELDEN 1671A; RD-179
S82	.141 SEMI RIGID; RG-402/U; BELDEN 1673A
S83	.250 SEMI RIGID; RG-401/U
X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SAXTON 8315

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS

Combination Connectors

Our 7-16 DIN combination connectors offer great versatility, allowing assembly in either a right angle or straight position. The images on this page illustrate both configuration possibilities.



FIG. 1
RFD-1604-2L, -2L2



FIG. 2
RFD-1605-2-C, -2-C1, 2-X



FIG. 3
RFD-1605-2-E, -2-L2



FIG. 4
RFD-1625-2-E

7-16 DIN

CONNECTORS

7-16 DIN

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 5
RFD-1630-2-C, -2-C1



FIG. 6
RFD-1630-2-E



FIG. 7
RFD-1631-2L2



FIG. 8
RFD-1640-2



FIG. 9
RFD-1643-HS



FIG. 10
RFD-1644-2SR2,
-2SR3



FIG. 11
RFD-1650-2



FIG. 12
RFD-1652-2



FIG. 13
RFD-1653-2



FIG. 14
RFD-1658-2



FIG. 15
RFD-1660-2

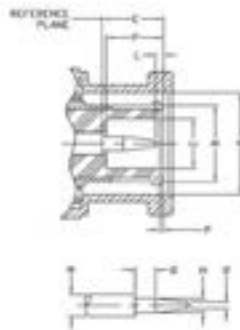
PHOTOS FOR REFERENCE ONLY, SHOWN AT 80% ACTUAL SIZE

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RFD-1604-2L	1	Male Crimp	J	Straight, for Belden 9913 & Times LMR-400	S	S	T	RFA-4009-205
RFD-1604-2L2	1	Male Crimp	L2	Straight, for Times LMR-400	S	S	T	RFA-4009-201
RFD-1605-2-C	2	Male Crimp	C, C2	Combination Straight or Right Angle, for RG-58/U & Times LMR-200	S	S	T	RFA-4009-206
RFD-1605-2-C1	2	Male Crimp	C1	Combination Straight or Right Angle, for RG-142/U & RG-55/U	S	S	T	RFA-4009-206
RFD-1605-2-E	3	Male Crimp	E, E1, E2	Combination Straight or Right Angle, for RG-8/U, RG-213/U, Belden 9913 & Belden 89913 Plenum	S	S	T	RFA-4009-205
RFD-1605-2-L2	3	Male Crimp	L2	Combination Straight or Right Angle, for Times LMR-400	S	S	T	RFA-4009-201
RFD-1605-2-X	2	Male Crimp	X	Combination Straight or Right Angle, for RG-8/U & Times LMR-240	S	S	T	RFA-4009-203
RFD-1625-2-E	4	Female Crimp	E, E1, E2	Combination Straight or Right Angle, for RG-8/U, Belden 9913 & Belden 89913 Plenum	S	S	T	
RFD-1630-2-C	5	Female Crimp	C, C2	Combination Straight or Right Angle, for RG-58/U & Times LMR-200	S	S	T	RFA-4009-206
RFD-1630-2-C1	5	Female Crimp	C1	Combination Straight or Right Angle, for RG-142/U	S	S	T	RFA-4009-206
RFD-1630-2-E	6	Female Crimp	E, E1, E2	Combination Straight or Right Angle, for RG-8/U, Belden 9913 & Belden 89913 Plenum	S	S	T	RFA-4009-205
RFD-1631-2L2	7	Female Crimp	L2	Straight, for Times LMR-400	S	S	T	RFA-4009-201
RFD-1640-2	8	Female Panel Mount		4-Hole Flange with .111 ID Solder Cup	S	S	T	
RFD-1643-HS	9	Female		4-Hole Flange Receptacle	S	S	T	
RFD-1644-2SR2	10	Female Panel Mount	SR2	4-Hole Flange for .141 Semi-Rigid	S	S	T	
RFD-1644-2SR3	10	Female Panel Mount	SR3	4-Hole Flange for .250 Semi-Rigid	S	S	T	
RFD-1650-2	11	Barrel Adapter		7-16 DIN Male to 7-16 DIN Male	S	S	T	
RFD-1652-2	12	Right Angle Adapter		7-16 DIN Male to 7-16 DIN Female	S	S	T	
RFD-1653-2	13	Barrel Adapter		7-16 DIN Female to 7-16 DIN Female	S	S	T	
RFD-1658-2	14	Right Angle Adapter		7-16 DIN Female to 7-16 DIN Female	S	S	T	
RFD-1660-2	15	Barrel Adapter		7-16 DIN Female to 7-16 DIN Male	S	S	T	

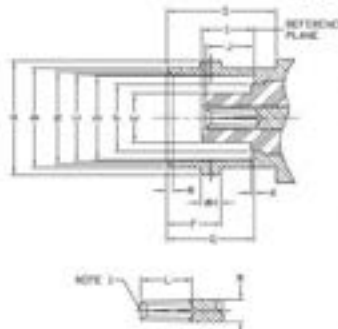


MALE



LETTER	INCHES (MILLIMETERS)	MINIMUM	MAXIMUM
A	385 (9.78)	390 (9.91)	
B	FLARED TO MEET ELECTRICAL & MECHANICAL REQUIREMENTS		
C	190 (4.83)		
D	252 (1.22)	254 (1.37)	
E	5.33 (1.35)	2.90 (5.84)	
F	306 (1.5)	318 (1.64)	
G	303 (1.61)	340 (1.02)	
H		325 (1.64)	
I	208 (1.28)	228 (1.79)	
J	378 (1.98)		
K	380 (1.56)	387 (2.23)	

FEMALE



LETTER	INCHES (MILLIMETERS)	MINIMUM	MAXIMUM
A	432 (10.97)	436 (11.27)	
B	375 (9.60)	382 (9.70)	
C	327 (8.31)	333 (8.46)	
D	319 (8.12)	321 (8.15)	
E		186 (4.72)	
F	204 (5.18)	208 (5.29)	
G	327 (8.31)	335 (8.51)	
H	315 (1.91)	361 (2.96)	
I	188 (4.78)	208 (1.28)	
J	186 (4.72)	206 (1.23)	
K		306 (1.15)	
L	195 (4.95)		
M	380 (2.56)	387 (2.23)	
N	346 (8.79)	356 (9.04)	
P		256 (1.56)	
R	315 (1.38)	330 (1.76)	
S	414 (10.52)		

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 500 VRMS @ SEA LEVEL
FREQUENCY RANGE: 0-4 GHz

MECHANICAL SPECIFICATIONS

MATING: 2-STUD BAYONET LOCK COUPLING
INTERFACE: MIL-STD-348, SECTION 301
CABLING: CLAMP, SOLDERLESS CLAMP, CRIMP AND TWIST ON

PLATING

G - GOLD
N - NICKEL
S - SILVER
SS - STAINLESS STEEL
TP - THERMOPLASTIC

DIELECTRIC MATERIAL

D - DELRIN
PP - POLYPROPYLENE
T - PTFE
TP - THERMOPLASTIC

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
B	TIMES LMR-100A; RG-174, 168, 168A, 314/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 8326P, 83284, 84316; COMMScope AMC-174, WBC-100
B1	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 8326P; COLEMAN 1596
C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-08, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMScope WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
C2	TIMES LMR-200, MSI-22; ALPHA 9848; BELDEN 7807A; COMMScope AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
E	RG-8, 8A, 213/U; ALPHA 9008, 9213; BELDEN 8267, 9251, 9880, 89880; INTERCOMP 4082, 22132; TIMES AA-4478
I	RG-8/U TYPE; BELDEN 9913; COMMScope BWC-400, BWC-400R, CUSHCRAFT ULTRALINK 5.93605; TIMES AA-5886, AA-6146, LMR-400, LMR-400 ULTRAFLEX; T-COM-400
M	RG-122/U; BELDEN 82907, 88240, 89907; MOTOROLA WHITE PTFE; TIMES MSI-15
E	ANTENNA SPECIALIST K214, PRO-FLEX 800; TIMES AA-3096
PL	BELDEN 89913
X	RG-8X; BELDEN 9258; COMMScope BWC-240, BWC-240R; MICRO 8/U; REMEE 1600; SAXTON 8315; TIMES LMR-240, LMR-240 ULTRAFLEX

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



Strain reliefs for RG-58/U — available separately
PT-4015-03-8K (black), PT-4015-03-8L (blue)

BNC — 50 OHM



FIG. 9
RFS-2022



FIG. 10
RFS-2023



FIG. 11
RFB-1106-B-ST, -B1



FIG. 12
RFB-1106-I

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1100-2	1	Male Crimp	C, C1	RG-58/U, RG-142/U, RG-55/U	UG-880/U	N	G	D	EFA-4009-204
RFB-1100-2ST	1	Male Crimp	C, C1	RG-58/U, RG-142/U, RG-55/U	UG-880/U, C/U, D/U, E/U	S	G	T	EFA-4009-204
RFB-1100-B	1	Male Crimp	B	RG-174/U, RG-316/U		N	G	T	EFA-4009-204
RFB-1100-C2ST	1	Male Crimp	C2	for Times LMR-200		S	G	T	EFA-4009-204
RFB-1101-1EN	2	Male Crimp	E, L3	RG-8/U, RG-213/U	UG-959A/U	N	G	T	EFA-4009-206
RFB-1101-1P	1	Male Crimp	P	for Proflex		N	G	T	EFA-4009-203
RFB-1101-1S	2	Male Crimp	I	for RG-8/U Type, Belden 9913 & Times LMR-400		S	G	T	EFA-4005-200
RFB-1101-1X	1	Male Crimp	X	for RG-8/X & Times LMR-240		N	G	D	
RFB-1101-PL	2	Male Crimp	PL	for Belden 89913 Plenum		S	G	T	EFA-4005-200
RFB-1102-I	3	Male Solderless Crimp	C, C1	RG-58/U, RG-142/U, RG-55/U		N	S	T	
RFB-1104	4	Male Twist-on	C	for RG-58/U		N	S	D	
RFB-1106-2	5	Male Crimp	C	for RG-58/U	UG-1785/U	N	G	D	EFA-4009-206
RFB-1106-2ST	5	Male Crimp	C	for RG-58/U	UG-1785/U	S	G	T	EFA-4009-206
RFB-1106-2T	5	Male Crimp	C	for RG-58/U	UG-1785/U	N	G	T	EFA-4009-206
RFB-1106-25C1	5	Male Crimp	C1	for RG-142/U & RG-55/U		N	G	T	EFA-4009-206
RFB-1106-3	6	Male Crimp	B	Large Ferrule, for RG-174/U, RG-316/U		N	G	T	EFA-4009-204
RFB-1106-SB1	6	Male Crimp	B1	Large Ferrule, for RG-316 Double Shield		N	G	T	EFA-4009-204
RFB-1106-6	7	Male Crimp	B	Small Ferrule, for RG-174/U & RG-316/U		N	G	T	EFA-4009-204, EFA-4089
RFB-1106-9	8	Male Quick Disconnect Crimp	C	Universal for BNC, & TNC, for RG-58/U		N	G	D	EFA-4009-206
RFS-2022	9	BNC Male Quick Disconnect Crimp	C	for RG-58/U		N	G	T	EFA-4009-206
RFS-2023	10	BNC Female Quick Disconnect Crimp	C	for RG-58/U		N	G	T	EFA-4009-206
RFB-1106-B-ST	11	Male Crimp	B	for RG-174/U & RG-316/U		S	G	T	EFA-4009-204
RFB-1106-B1	11	Male Crimp	B1	for RG-174/U & RG-316		N	G	T	EFA-4009-204
RFB-1106-C-03	5	Male Crimp	C	for RG-58/U		N	G	D	EFA-4009-206
RFB-1106-C1	5	Male Crimp	C1	for RG-142/U		N	G	D	EFA-4009-206
RFB-1106-C1ST	5	Male Crimp	C1	for RG-142/U & RG-55/U		S	G	T	EFA-4009-206
RFB-1106-C2	5	Male Crimp	C2	for Times LMR-200		N	G	T	EFA-4009-206
RFB-1106-C2ST	5	Male Crimp	C2	for Times LMR-200		S	G	T	EFA-4009-206
RFB-1106-C2T	5	Male Crimp	C2	for Times LMR-200		N	G	T	EFA-4009-206
RFB-1106-I	12	Male Crimp	I	for Times LMR-400		N	G	T	EFA-4005-200
RFB-1107-1P	5	Male Crimp	P	for Proflex		N	G	D	EFA-4009-203
RFB-1107-1X	5	Male Crimp	X	for RG-8/X & Times LMR-240		N	G	D	EFA-4009-203
RFB-1107-2	5	Male Crimp	C3, M	for Motorola White PTFE, Belden 89907		N	G	T	EFA-4009-206

BNC — 50 OHM

BNC - 50 Ohm

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 13
RFB-1110-1, C1, C1ST,
C2, C2S



FIG. 14
RFB-1110-B



FIG. 15
RFB-1110-C-04



FIG. 16
RFB-1110-C3



FIG. 17
RFB-1110-5



FIG. 18
RFB-1111



FIG. 19
RFB-1112-18



FIG. 20
RFB-1112-18-03



FIG. 21
RFB-1112-1W



FIG. 22
RFB-1112-B



FIG. 23
RFB-1112-B-03



FIG. 24
RFB-1112-W

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1110-1	13	Male Right Angle	C	for RG-58/U		N	G	T	RFA-4009-206
RFB-1110-B	15	Male Right Angle	B	for RG-174A/U & RG-316/U		N	G	T	RFA-4009-204
RFB-1110-C-04	16	Male Right Angle Clamp	C, C1	for RG-55/U, RG-58/U & RG-142/U		S	G	T	
RFB-1110-C1	13	Male Right Angle Clamp	C1	for RG-55/U & RG-142/U		N	G	T	RFA-4009-206
RFB-1110-C1ST	13	Male Right Angle Clamp	C1	for RG-55/U & RG-142/U		S	G	T	RFA-4009-206
RFB-1110-C2	13	Male Right Angle Clamp	C2	for Times LMR-200		N	G	T	RFA-4009-206
RFB-1110-C2S	13	Male Right Angle Clamp	C2	for Times LMR-200		S	G	T	
RFB-1110-C3	14	Male Right Angle Clamp	C3	for Motorola White PTFE, Belden 89907		N	G	T	RFA-4009-206
RFB-1110-5	17	Male Right Angle Clamp	C	for RG-58/U		S	S	T	
RFB-1111	18	Female Right Angle PCB Mount		with Triple D-Rat, Diecast Zinc		N	G	PP	
RFB-1112-18	19	Female Vertical Lo-Profile PCB Mt		with D-Rat & Post Legs, Black		N/TP	G	PP	
RFB-1112-18-03	20	Female Vertical Lo-Profile PCB Mt		with D-Rat & Snap Legs, Black		N/TP	G	PP	
RFB-1112-1W	21	Female Vertical Lo-Profile PCB Mt		with D-Rat & Post Legs, White		N/TP	G	PP	
RFB-1112-B	22	Female R/A Lo-Profile PCB Mount		with D-Rat & Post Legs, Black		N/TP	G	PP	
RFB-1112-B-03	23	Female R/A Lo-Profile PCB Mount		with D-Rat & Snap Legs, Black		N/TP	G	PP	
RFB-1112-W	24	Female R/A Lo-Profile PCB Mount		with D-Rat & Post Legs, White		N/TP	G	PP	



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Revised 7-07-2013

BNC — 50 OHM

CONNECTORS
BNC - 50 Ohm

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 25
RFB-1112-W-03



FIG. 26
RFB-1113-18



FIG. 27
RFB-1113-18-03



FIG. 28
RFB-1113-1W



FIG. 29
RFB-1113-1W-03



FIG. 30
RFB-1113-B



FIG. 31
RFB-1113-B-04



FIG. 32
RFB-1113-W



FIG. 33
RFB-1113-W-03



FIG. 34
RFB-1115



FIG. 35
RFB-1115-3



FIG. 36
RFB-1115-4



FIG. 37
RFB-1115-5



FIG. 38
RFB-1115-6



FIG. 39
RFB-1115-14

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1112-W-03	25	Female R/A Lo-Profile PCB Mount		with D-Flat & Snap Legs, White		N/TP	G	PP	
RFB-1113-18	26	Female Vertical Hi-Profile PCB Mount		with D-Flat & Post Legs, Black		N/TP	G	PP	
RFB-1113-18-03	27	Female Vertical Hi-Profile PCB Mount		with D-Flat & Snap Legs, Black		N/TP	G	PP	
RFB-1113-1W	28	Female Vertical Hi-Profile PCB Mount		with D-Flat & Post Legs, White		N/TP	G	PP	
RFB-1113-1W-03	29	Female Vertical Hi-Profile PCB Mount		with D-Flat & Snap Legs, White		N/TP	G	PP	
RFB-1113-B	30	Female R/A Hi-Profile PCB Mount		with D-Flat & Post Legs, Black		N/TP	G	PP	
RFB-1113-B-04	31	Female R/A Hi-Profile PCB Mount		with D-Flat & Post Legs, Black, No Hardware		N/TP	G	PP	
RFB-1113-W	32	Female R/A Hi-Profile PCB Mount		with D-Flat & Post Legs, White		N/TP	G	PP	
RFB-1113-W-03	33	Female R/A Hi-Profile PCB Mount		with D-Flat & Snap Legs, White		N/TP	G	PP	
RFB-1115	34	Female Panel Mount		4 Hole Flange	UG-290A/U	N	G	T	
RFB-1115-3	35	Female Vertical PCB Mount		3 Leg		N	G	T	
RFB-1115-4	36	Female Vertical PCB Mount		4 Leg		S	G	T	
RFB-1115-5	37	Female R/A Panel Mount				N	G	P	
RFB-1115-6	38	Female R/A PCB Mount		Long Diecast Zinc		N	G	T	
RFB-1115-14	39	Female Flange		4 Hole Flange with holes .720" on Center		S	G	T	



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Revised 7-07-2013

BNC — 50 OHM

BNC - 50 Ohm

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 40
RFB-1115-21



FIG. 41
RFB-1115-5



FIG. 42
RFB-1116-3



FIG. 43
RFB-1116-11, -NG, -5G



FIG. 44
RFB-1116-B-03



FIG. 45
RFB-1116-I



FIG. 46
RFB-1116-I-03



FIG. 47
RFB-1116-NG-03



FIG. 48
RFB-1117



FIG. 49
RFB-1117-B1-T

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1115-21	40	Female Vertical PCB Mount		.5 inch on Center		N	S	T	
RFB-1115-5	41	Female Panel Mount		4 Hole Flange	UG-295A/U	S	G	T	
RFB-1116	42	Female Bulkhead		Front Mount with D-Flat, Diecast Zinc	UG-1094A/U	N	G	D	
RFB-1116-3	42	Female Bulkhead		Front Mount w/ D-Flat & Lockwasher		N	G	T	
RFB-1116-11	43	Female Bulkhead		Front Mount w/ Beryllium Copper Contact, Solder Lug & Solder Cup		N	G	T	
RFB-1116-B-03	44	Female Bulkhead Clamp	B	Front Mount for RG-174/U & RG-316/U		N	G	T	RFA-4005-100 & RFA-4005-05
RFB-1116-I	45	Female Bulkhead		Front Mount with D-Flat, Insulated		N	G	TP	
RFB-1116-I-03	46	Female Bulkhead		Front Mount with D-Flat, Insulated, with .500 Mounting Threads, No Hardware		N	G	D	
RFB-1116-NG	43	Female Bulkhead		Front Mount with D-Flat, Solder Lug & Solder Cup	UG-1094A/U	N	G	T	
RFB-1116-NG-03	47	Female Bulkhead		Solder Cup w/o Hardware		N	G	T	
RFB-1116-5G	43	Female Bulkhead		Front Mount with D-Flat, Solder Lug & Solder Cup	UG-1094A/U	S	G	T	
RFB-1117	48	Female Clamp Bulkhead	C	Rear Mount with D-Flat & O-Ring for RG-58/U		N	G	D	RFA-4002-204
RFB-1117-B1-T	49	Female Clamp Bulkhead	B1	Rear Mount with D-Flat & O-Ring for RG-316 Double Shield, max. Panel Thickness .20"		N	G	T	RFA-4002-204



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Revised 7-07-2013

BNC — 50 OHM



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BOY	P/C	DIE	
RFB-1117-BT	50	Female Crimp Bulkhead	B	Rear Mount with D-Flat & O-Ring for RG-174/U, & RG-316/U Max. Panel Thickness .20"		N	G	T	EFA-4002-204
RFB-1117-BT-03	50	Female Crimp Bulkhead	B	Rear Mount with D-Flat & O-Ring for RG-174/U, & RG-316/U Max. Panel Thickness .140"		N	G	T	EFA-4002-204
RFB-1117-BT-04	51	Female Crimp Bulkhead	B	Short Female and Female Stud, for RG-174/U, RG-316/U		N	G	T	EFA-4002-204
RFB-1117-C1	52	Female Crimp Bulkhead	C1	Rear Mount with D-Flat & O-Ring for RG-142/U & RG-55/U		N	G	D	EFA-4002-206
RFB-1117-C1T	52	Female Crimp Bulkhead	C1	Rear Mount with D-Flat & O-Ring for RG-142/U, & RG-55/U Max. Panel Thickness .25"		N	G	T	EFA-4002-206
RFB-1117-C2	52	Female Crimp Bulkhead	C2	Rear Mount with D-Flat & O-Ring for Times LMR-200		N	G	D	EFA-4002-206
RFB-1121	53	Female Twist-On	C	for RG-58/U		N	S	D	
RFB-1123-1	54	Female Crimp	C	for RG-58/U		N	G	T	EFA-4002-206
RFB-1123-1-SS	54	Female Crimp	C	for RG-58/U		SS	G	T	EFA-4002-206
RFB-1123-C1	54	Female Crimp	C1	for RG-142/U & RG-55/U		N	G	T	EFA-4002-206
RFB-1123-C2	54	Female Crimp	C2	for Times LMR-200		N	G	T	EFA-4002-206
RFB-1123-C3	55	Female Crimp	C3	for RG-58/U Plenum		N	G	T	
RFB-1124-1P	54	Female Crimp	P	for Proflex		N	G	D	EFA-4002-203
RFB-1124-1X	54	Female Crimp	X	for RG-8X & Times LMR-240		N	G	D	EFA-4002-203
RFB-1130	56	I Adapter		BNC Male to Double BNC Female	UG-2748/U, C/U	N	G	T	
RFB-1130-1	56	I Adapter		BNC Male to Double BNC Female, Diecast	UG-2748/U, C/U	N	G	D	
RFB-1130-2	57	I Adapter		BNC Male to Double BNC Female, Molded Plastic Jacket	FOR LAN USE	N	G	D	
RFB-1130-3	58	E Adapter		BNC Male to Double BNC Female	FOR LAN USE	N	G	D	
RFB-1130-5	59	Gooseneck Adapter		BNC Male to Double BNC Female	FOR LAN USE	N	G	D	

BNC — 50 OHM

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1131	60	T-Adapter		Triple BNC Female		N	S	T	
RFB-1132	61	Right Angle Adapter		BNC Male to BNC Female	UG-306/U, A/U, B/U	N	S	T	
RFB-1133	62	Barrel Adapter		BNC Male to BNC Male	UG-491/U, A/U, B/U	N	G	T	
RFB-1134	63	Barrel Adapter		BNC Female to BNC Female	UG-914/U	N	G	PP	
RFB-1135	64	Female Bulkhead Adapter		Double BNC Female with D-Flat & O-Ring	UG-492/U	N	G	D	
RFB-1135-I	64	Female Bulkhead Adapter		Double BNC Female with D-Flat, Insulated		S	G	D	
RFB-1135-T	64	Female Bulkhead Adapter		Double BNC Female with D-Flat & O-Ring	UG-492/U, D/U	N	G	T	
RFB-1138	65	Adapter		BNC Female to BNC Male, Connector Saver		N	G	D	
RFB-1143	66	Male Bulkhead		Front Mount, D-Flat		N	G	T	
RFB-1143-03	66	Male Bulkhead		Front Mount without Solder Tab, D-Flat		N	G	T	
RFB-1145	67	BNC Female to 1/4 x 24 Stud		Adapter for Kenwood Portables TK240 & TK340		N	S	T	
RFB-1150	68	Male Termination		50 Ohm, 1/2 Watt, 1.5 GHz		N	G	D	
RFB-1150-1	69	Male Termination with Chain		50 Ohm, 1/2 Watt, 1.5 GHz		N	G	D	
RFB-1150-2-1W	69	Male Termination with Chain		50 Ohm, 1 Watt, 1.5 GHz		S	G	T	
RFB-1154	70	Female Right Angle Bulkhead		Front Mount w/ Solder Cup, O-Ring & D-Flat		N	G	T	
RFB-1160	71	Female Crimp	C	Wall Plate Flush Rear Mount with D-Flat for RG-58/U (LAN)		N	G	D	RFA-4009-206
RFB-1161	72	Female Twist-on Clamp	C	Wall Plate Flush Rear Mount with D-Flat for RG-58/U (LAN)		N	G	D	



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Revised 7-07-2013

BNC — 75 OHM

BNC - 75 Ohm

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1707-2	5	Male Crimp	D, D1	for RG-59/U	UG-1789/U	N	G	D	RFA-4009-203
RFB-1707-D	4	Male Crimp	D, D1	for RG-59/U, Belden 1505A & 8212	UG-1789/U, Kings 2025-59-9	N	G	T	RFA-4009-203
RFB-1707-D2	5	Male Crimp	D2	for Belden 8279	Kings 2025-38-9	N	G	T	RFA-4009-203
RFB-1707-D3	5	Male Crimp	D3	for RG-59/U Type & Belden 1506A	Kings 2025-53-9	N	G	T	RFA-4009-203
RFB-1707-G	5	Male Crimp	G	for Belden 8281	Kings 2025-55-9	N	G	T	RFA-4005-308
RFB-1707-J	5	Male Crimp	J	for Belden 1164A & Belden 8218	Kings 2025-47-9	N	G	T	RFA-4005-307
RFB-1707-K	5	Male Crimp	K	for CommScope 735	Kings 2025-44-9	N	G	T	RFA-4005-307
RFB-1707-Q	5	Male Crimp	Q	for RG-6/U	Kings 2025-79-9	N	G	T	RFA-4005-308
RFB-1707-Q1	5	Male Crimp	Q1	for RG-6/U Type Plenum	Kings 2025-89-9	N	G	T	RFA-4005-308
RFB-1707-QQ	5	Male Crimp		for RG-59/U and RG-62/U					RFA-4009-203
RFB-1707-R	6	Male Crimp	R	for RG-11/U	Huber Suhner 11 BNC-75-7-5	N	G	T	RFA-4009-205
RFB-1707-R1	6	Male Crimp	R1	for RG-11/U Type & Belden 8238		N	G	T	RFA-4009-205
RFB-1707-S	5	Male Crimp	S	for RG-179/U	Kings 2025-57-9	N	G	T	RFA-4005-307
RFB-1707-S1	5	Male Crimp	S1	for RG-179 Double Shield		N	G	T	RFA-4005-307
RFB-1708	5	Male Crimp	G	for Belden 8281	Kings 2025-58-9	N	G	D	RFA-4005-308
RFB-1708-11	5	Male Crimp	G	for Belden 8281	Kings 2025-58-9	S	G	T	RFA-4005-308
RFB-1709-D	7	Male Right Angle Crimp	D	for RG-59/U	Huber Suhner 16 BNC-75-4-2	N	G	T	
RFB-1710-D	8	Male Right Angle Crimp	D	for RG-59/U	Amphenol 31-71010	N	G	T	RFA-4009-203
RFB-1710-K	9	Male Right Angle Crimp	K	for CommScope 735	Kings 2026-17-9	N	G	T	RFA-4005-305
RFB-1710-Q	10	Male Right Angle Crimp	Q	for RG-6/U		N	G	T	RFA-4005-308
RFB-1710-S	11	Male Right Angle Crimp	S	for RG-179/U	Huber Suhner 16 BNC-75-2-3	N	G	T	RFA-4005-307
RFB-1710-S1	11	Male Right Angle Crimp	S1	for RG-179/U Double Shield		N	G	T	RFA-4005-307



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Revised 7-07-2013

BNC — 75 OHM



FIG. 12
RFB-1712-W



FIG. 13
RFB-1715-6



FIG. 14
RFB-1715-11



FIG. 15
RFB-1716



FIG. 16
RFB-1716-I



FIG. 17
RFB-1717, D1-Q3, -Q, -S



FIG. 18
RFB-1720



FIG. 19
RFB-1722



FIG. 20
RFB-1724, -K, D3, -Q, -S, S1



FIG. 21
RFB-1730

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BODY	P/C	DIE	
RFB-1712-W	12	Female Right Angle Lo-Profile PCB Mount		with Post Legs, White	Amphenol 31-71052	N/TP	G	PP	
RFB-1715-6	13	Female Right Angle PCB Mount		Diecast Zinc		N	G	T	
RFB-1715-11	14	Female Vertical PCB Mount		4 Legs on .400" Centers	Huber Suhner 82 BNC-75-0-2	N	G	T	
RFB-1716	15	Female Bulkhead		Front Mount with D-Flat, Diecast Zinc	Amphenol 31-71004	N	G	D	
RFB-1716-I	16	Female Bulkhead		Front Mount with D-Flat, Insulated	Amphenol 31-10-75	N	G	TP	
RFB-1717	17	Female Crimp Bulkhead	D	Rear Mount with D-Flat & O-Ring, for RG-59/U	Amphenol 31-71011-8FX	N	G	D	RFA-4009-203
RFB-1717-D1-Q3	17	Female Crimp Bulkhead	D1	for Belden 8212		N	G	D	RFA-4009-203
RFB-1717-Q	17	Female Crimp Bulkhead	Q	Rear Mount with D-Flat & O-Ring, for RG-6/U	Kings 2022-29-9	N	G	T	RFA-4005-308
RFB-1717-S	17	Female Crimp Bulkhead	S	Rear Mount with D-Flat & O-Ring, Solder Only Pin, for RG-179/U	Amphenol 31-70016	N	G	T	RFA-4009-204
RFB-1720	18	Female Solder Clamp	D	for RG-59/U	UG-261C/U	N	S	T	
RFB-1722	19	Female Twist-On	D	for RG-59/U		N	S	D	
RFB-1724	20	Female Crimp	D	for RG-59/U		N	G	D	RFA-4009-203
RFB-1724-D3	20	Female Crimp	D3	for RG-59/U Plenum		N	G	D	RFA-4009-203
RFB-1724-K	20	Female Crimp	K	for CommScope 735		N	G	T	RFA-4005-307
RFB-1724-Q	20	Female Crimp	Q	for RG-6/U		N	G	T	RFA-4005-308
RFB-1724-S	20	Female Crimp	S	for RG-179/U	Amphenol 31-71014-8FX	N	G	T	RFA-4009-204
RFB-1724-S1	20	Female Crimp	S1	for RG-179/U		N	G	T	RFA-4009-204
RFB-1730	21	T-Adapter		BNC Male to Double BNC Female	Amphenol 31-70036	N	G	T	

BNC — 75 OHM



BNC -75 Ohm

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFB-1730-3	22	F Adapter		BNC Male to Double BNC Female		N	G	D	
RFB-1730-4	22	F Adapter		BNC Male to Double BNC Female with internal 75 Ohm Resistor (Video Splitter)		N	G	D	
RFB-1732	23	Right Angle Adapter		BNC Male to BNC Female	Amphenol 31-9-75	N	G	T	
RFB-1733	24	Barrel Adapter		BNC Male to BNC Male	Amphenol 31-218-75	N	G	T	
RFB-1734	25	Barrel Adapter		BNC Female to BNC Female	Amphenol 31-219-75	N	G	T	
RFB-1734-2	25	Barrel Adapter		BNC Female to BNC Female		S	G	T	
RFB-1735	26	Female Bulkhead Adapter		Double BNC Female with O-Ring & O-Ring	Amphenol 31-70020	N	G	T	
RFB-1735-1	26	Female Bulkhead Adapter		Double BNC Female with O-Ring, Isolated	Amphenol 31-4803-75	N	G	T	
RFB-1745	27	Straight Adapter		BNC Female to 1/4x24 Stud, for Kenwood TK240, TK340	Midland 70-1034	N	S	T	
RFB-1750	28	Male Termination		75 Ohm 1/2 Watt		N	G	D	
RFB-1760	29	Female Crimp	D	Wallplate Flush Mount for RG-59/U		N	G	D	REA-4009-203



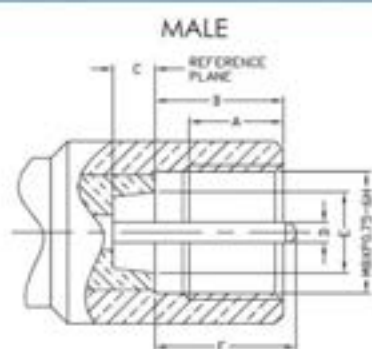
SPECIFICATIONS	CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: 75 Ω WORKING VOLTAGE RATING: 500 VRMS FREQUENCY RANGE: 0-1 GHz MECHANICAL SPECIFICATIONS MATING: 3/8 - 32 THREAD CABLING: CRIMP PLATING G - GOLD N - NICKEL T - TIN DIELECTRIC MATERIAL PE - POLYETHYLENE PP - POLYPROPYLENE	GRP	FOR THESE CABLE TYPES
	D	RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9059, 9062, 9830, 9840, 9845; BELDEN 7807A, 8221, 8241, 9169, 9204, 9228; CANARE LV-615; COMMSCOPE 5555, 5560, 5563; HARBOUR HPF200
	Q	RG-6/U TYPE; BELDEN 1694A, 9248; COMMSCOPE 5715, 5729, 5765
	Q3	ALPHA 9006A; BELDEN 8215; BCCGENERAL C5810; CAROL/COLUMBIA C5810; COLEMAN 8418, 988418, M17/2-RG6; COMMSCOPE 5710; CONSOLIDATED 4433; CZ Labs 3403P; Dearborn D4204; Huber+Suhner G 05133 D, RG 6 A/U; International Electronic Wire & Cable Company 4002; Manhattan M4204; Times Microwave 17-05-92 QPL, 17-663-83, AA-3810, AA-7276, L558-RG6, M17/180-00001, M18/2-RG6; Weico Wire W006A
FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS		

FIG. 1
RFF-1402-08FIG. 2
RFF-1402-0FIG. 3
RFF-1442-03, -1FIG. 4
RFF-1444FIG. 5
RFF-1445-5, -5-1FIG. 6
RFF-1446-10FIG. 7
RFF-1448FIG. 8
RFF-1450-03FIG. 9
RFF-1476, -1FIG. 10
RFF-1477

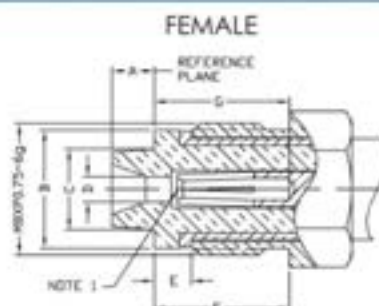
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FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RFF-1402-08	1	Male Crimp	Q	No pin, with Gasket & Silicon, for RG-6/U	—	—	PE	RFA-4005-306
RFF-1402-0	2	Male Crimp	Q	For RG-59/U	N	N	PE	RFA-4005-306
RFF-1442	3	Female Right Angle PCB Mount		4 Leg, Long	N	T	PE	
RFF-1442-03	3	Female Right Angle PCB Mount		4 Leg, Long	N	T	PP	
RFF-1442-1	3	Female Right Angle PCB Mount		4 Leg, Short	N	T	PP	
RFF-1444	4	Female Bulkhead		with Hex Flange & Solder Tab	N	T	PP	
RFF-1445-5	5	Adapter		F Male Quick Disconnect to F Female	N	T	PE	
RFF-1445-5-1	5	Adapter		F Male Quick Disconnect to F Female	G	G	PE	
RFF-1446-10	6	Right Angle Adapter		F Male to F Female	N	N	PE	
RFF-1448	7	Adapter		F Male to F Male	N	N	PE	
RFF-1450-03	8	Female Vertical PCB Mount		4 Leg, .32" On Center, Tab Contact	N	T	PE	
RFF-1476	9	Adapter		F Female to F Female	N	T	PE	
RFF-1476-1	9	Adapter		F Female to F Female	G	T	PE	
RFF-1477	10	Bulkhead Adapter		F Female to F Female	N	T	PE	



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.220 (5.59)	—
B	.298 (7.57)	.300 (7.62)
C	.098 (2.49)	—
D	.046 (1.17)	.048 (1.23)
E	.189 (4.80)	—
F	—	.315 (8.00)



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	—	.098 (2.50)
B	—	.276 (7.00)
C	—	.189 (4.80)
D	.051 (1.30)	—
E	.087 (2.20)	—
F	.315 (8.00)	—
G	.315 (8.00)	—

NOTE 1: IS TO MEET VSWR AND CONTACT RESISTANCE REQUIREMENTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω

WORKING VOLTAGE RATING: 335 VRMS @SEA LEVEL
(DEPENDENT ON CABLE)

FREQUENCY RANGE: 0-2 GHz

MECHANICAL SPECIFICATIONS

MATING: M8X.75 THREAD

PLATING

G - GOLD
N - NICKEL

DIELECTRIC MATERIAL

D - DELRIN
T - PTFE

CABLE GROUPS

GRP FOR THESE CABLE TYPES

B	TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100
C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
C2	TIMES LMR-200, MSI-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SEXTON 8315

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS

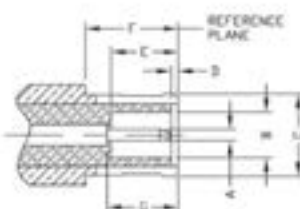


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FOR MOUNTING CONFIGURATIONS

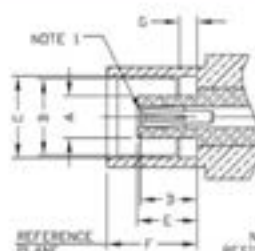
PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RFE-6000-B	1	Male Crimp	B	for RG-174/U & RG-316/U	N	G	T	RFA-4009-204
RFE-6000-C	2	Male Crimp	C	for RG-58/U	N	G	T	RFA-4009-204
RFE-6050-C	3	Female Crimp	C	for RG-58/U	N	G	D	RFA-4009-204
RFE-6050-C1	3	Female Crimp	C1	for RG-142/U	N	G	T	RFA-4009-204
RFE-6050-C2	3	Female Crimp	C2	for Times LMR-200	N	G	T	RFA-4009-204
RFE-6050-X	3	Female Crimp	X	for RG-8/X & Times LMR-240	N	G	T	RFA-4009-203
RFE-6100	4	Adapter		FME Male to FME Male	N	G	T	

PLUG



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.019 (0.48)	.021 (0.53)
B	.079 (2.00)	.082 (2.07)
C	.144 (3.66)	.148 (3.76)
D	.009	.012 (0.30)
E	.111 (2.80)	.126 (3.20)
F	.164 (4.16)	-
G	.111 (2.80)	.126 (3.20)

JACK



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.071 (1.80)	.078 (1.97)
B	.135 (3.43)	.137 (3.48)
C	.142 (3.61)	.148 (3.75)
D	.091 (2.31)	.110 (2.79)
E	.103 (2.61)	.110 (2.79)
F	.136 (3.45)	.162 (4.12)
G	.090 (2.29)	.093 (2.36)

NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .005/.002 DSA, PIN

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 335 VRMS
FREQUENCY RANGE: 0-6 GHz

MECHANICAL SPECIFICATIONS

MATING: SNAP ON COUPLING
INTERFACE: CECC 22220
CABLING: CRMP

PLATING

N - NICKEL
G - GOLD

DIELECTRIC MATERIAL

T - PTFE

CABLE GROUPS

grp

for these cable types

B

TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100

B1

RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1596

C

TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-D8, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8239, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
RMX-8000-1B, -1C, -B, -B1



FIG. 2
RMX-8000-1B-LCK



FIG. 3
RMX-8010-1B, -1B1, -1C, -B, -B1



FIG. 4
RMX-8010-1B-LCK



FIG. 5
RMX-8100-B



FIG. 6
RMX-8252-1B



FIG. 7
RMX-8300, -1



FIG. 8
RMX-8350, -1



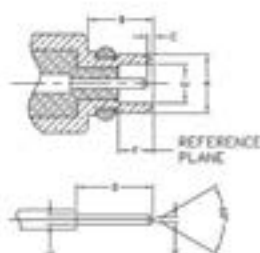
FIG. 9
RMX-8400-1

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FOR MOUNTING CONFIGURATIONS

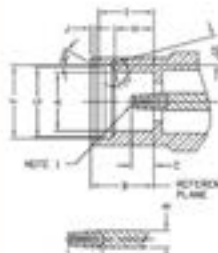
PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RMX-8000-1B	1	Crimp Plug	B	for RG-174/U & RG-316/U	G	G	T	EFA-4009-204
RMX-8000-1B-LCK	2	Crimp Plug	B	for RG-174/U	G	G	T	EFA-4009-204
RMX-8000-1C	1	Crimp Plug	C	for RG-58/U & Times LMR-195	G	G	T	EFA-4009-206
RMX-8000-B	1	Crimp Plug	B	for RG-174/U & RG-316/U	N	G	T	EFA-4009-204
RMX-8000-B1	1	Crimp Plug	B1	for RG-316/U Double Shield	N	G	T	EFA-4009-204
RMX-8010-1B	3	Right Angle Crimp Plug	B	for RG-174/U	G	G	T	EFA-4009-204
RMX-8010-1B-LCK	4	Right Angle Crimp Plug with Special Locking Shell	B	for RG-174/U & RG-316/U	G	G	T	EFA-4009-204
RMX-8010-1B1	3	Right Angle Crimp Plug	B1	for RG-316/U Double Shield	G	G	T	EFA-4009-204
RMX-8010-1C	3	Right Angle Crimp Plug	C	for RG-58/U & LMR-195	G	G	T	EFA-4009-206
RMX-8010-B	3	Right Angle Crimp Plug	B	for RG-174/U & RG-316/U	N	G	T	EFA-4009-204
RMX-8010-B1	3	Right Angle Crimp Plug	B1	for RG-316/U Double Shield	N	G	T	EFA-4009-204
RMX-8100-B	5	Crimp Jack	B	for RG-174/U & RG-316/U	N	G	T	EFA-4009-204
RMX-8252-1B	6	Bulkhead Crimp Jack	B	for RG-174/U & RG-316/U	G	G	T	EFA-4009-204
RMX-8300	7	Right Angle Jack PCB Mount			N	G	T	
RMX-8300-1	7	Right Angle Jack PCB Mount			G	G	T	
RMX-8350	8	Vertical Jack PCB Mount			N	G	T	
RMX-8350-1	8	Vertical Jack PCB Mount			G	G	T	
RMX-8400-1	9	Right Angle PCB Mount			G	G	T	

PLUG



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	—	.095 (2.40)
B	.106 (2.70)	—
C	.000	.060 (0.25)
D	—	.124 (3.15)
E	.062 (1.58)	.064 (1.62)
F	.057 (1.45)	—
G	.150 (3.81)	.017 (0.42)
H	—	.008 (0.20)

JACK



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.095 (2.41)	—
B	.102 (2.60)	—
C	.035 (0.90)	.047 (1.20)
D	.027 (0.68)	.028 (0.72)
E	.055 (1.40)	—
F	.118 (3.00)	.120 (3.04)
G	.113 (2.87)	.114 (2.90)
H	.062 (1.57)	.064 (1.63)
I	.091 (2.30)	.092 (2.34)
J	—	.009 (0.23)

NOTE 1: I.E. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .015/.017 DIA. PIN

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 170 VRMS
FREQUENCY RANGE: 0-6 GHz

MECHANICAL SPECIFICATIONS

MATING: SNAP ON COUPLING
INTERFACE: CECC 22000
CABLING: CRIMP AND PCB SOLDERING

PLATING

G - GOLD

DIELECTRIC MATERIAL

1 - PTFE

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
Δ	RG-178, 178A, 178B, 196, 196A/U; BELDEN 83265
⊞	TIMES LM9-100A: RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; CDMSCOPE AMC-174, WBC-100
⊞	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1396

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
RMX-9000-1A, -1B, -1B1



FIG. 2
RMX-9010-1A, -1B, -1B1



FIG. 3
RMX-9050-1B, 1B1



FIG. 4
RMX-9060-1B, 1B1



FIG. 5
RMX-9350-1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 250% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RMX-9000-1A	1	Crimp Plug	Δ	for RG-178/U	G	G	1	RFA-4009-204
RMX-9000-1B	1	Crimp Plug	⊞, ⊞	for RG-174/U, RG-316/U RG-316/U Double Shield	G	G	1	RFA-4009-204
RMX-9000-1B1	1	Crimp Plug	⊞, ⊞	for RG-174/U, RG-316/U & RG-316/U Double Shield	G	G	1	RFA-4009-204
RMX-9010-1A	2	Right Angle Crimp Plug	Δ	for RG-178/U	G	G	1	RFA-4009-204
RMX-9010-1B	2	Right Angle Crimp Plug	⊞	for RG-174/U & RG-316/U	G	G	1	RFA-4009-204
RMX-9010-1B1	2	Right Angle Crimp Plug	⊞	for RG-174 Double Shield & RG-316/U Double Shield	G	G	1	RFA-4009-204
RMX-9050-1B	3	Crimp Jack	⊞	for RG-174/U & RG-316/U	G	G	1	RFA-4009-204
RMX-9050-1B1	3	Crimp Jack	⊞	for RG-316/U Double Shield	G	G	1	RFA-4009-204
RMX-9060-1B	4	Right Angle Crimp Jack	⊞	for RG-174/U & RG-316/U	G	G	1	RFA-4009-204
RMX-9060-1B1	4	Right Angle Crimp Jack	⊞	for RG-316/U Double Shield	G	G	1	RFA-4009-204
RMX-9350-1	5	Vertical PCB Jack			G	G	1	

SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: NON-CONSTANT WORKING VOLTAGE RATING: 1,600 VRMS (MATED PAIR) FREQUENCY RANGE: N/A	GRP	FOR THESE CABLE TYPES	
	D	RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9039, 9062, 9830, 9840, 9845; BELDEN 8221, 8241, 9149, 9204, 9228; CANARE LV-475; COMMSCOPE 5550, 5555, 5560, 5563	
	E	TIMES AA-4478; RG-8, 8A, 213/U; ALPHA 9008, 9213; BELDEN 8267, 9251, 9880, 89880; INTERCOMP 4082, 22132	
MECHANICAL SPECIFICATIONS MATING: 2-STUD BAYONET COUPLING INTERFACE: MIL-STD-348, SECTION 303 CABLING: CLAMP, CRIMP AND SOLDER	X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DL, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPP240; MICRO B/U; REMEE 1600; SEXTON 8315	
PLATING G - GOLD N - NICKEL	DIELECTRIC MATERIAL T - PTFE		
FOR A MORE EXTENSIVE LISTS OF CABLE GROUPS			



FIG. 1
RHV-100-D



FIG. 2
RHV-100-E



FIG. 3
RHV-106-D, -X



FIG. 4
RHV-116



FIG. 5
RHV-124-D



FIG. 6
RHV-130



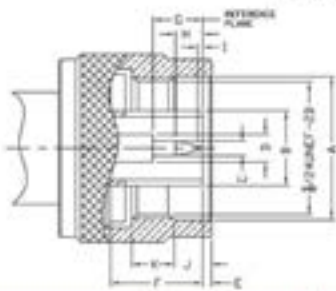
FIG. 7
RHV-134

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

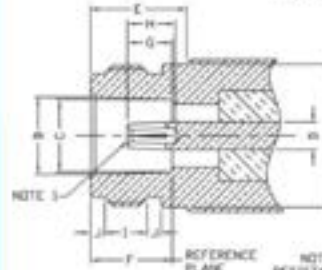
PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RHV-100-D	1	High Voltage Male Clamp	D	for RG-59/U	N	G	T	RFA-4029-206
RHV-100-E	2	High Voltage Male Clamp	E	for RG-213/U	N	G	T	RFA-4029-206
RHV-106-D	3	High Voltage Male Crimp	D	for RG-59/U (22-23 AWG only)	N	G	T	RFA-4029-203
RHV-106-X	3	High Voltage Male Crimp	X	for LMR-240	N	G	T	RFA-4029-203
RHV-116	4	High Voltage Female Bulkhead		Front Mount with O Ring	N	G	T	
RHV-124-D	5	Female Clamp	D	for RG-59/U	N	G	T	RFA-4029-206
RHV-130	6	Female, Male, Female, T Adapter			N	G	T	
RHV-134	7	MHV Female to MHV Female Adapter			N	G	T	

MALE



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	0.30 (7.62)	-
B	-	0.35 (8.92)
C	0.63 (16.01)	0.65 (16.51)
D	0.18 (4.57)	0.24 (6.10)
E	0.16 (4.06)	0.20 (5.08)
F	0.28 (7.11)	0.32 (8.13)
G	0.25 (6.35)	0.30 (7.62)
H	0.10 (2.54)	0.12 (3.05)
I	0.03 (0.76)	-
J	0.10 (2.54)	0.12 (3.05)
K	0.17 (4.30)	0.19 (4.83)

FEMALE



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	—	0.25 (6.35)
B	0.26 (6.60)	0.34 (8.63)
C	0.16 (4.06)	0.20 (5.08)
D	0.18 (4.57)	0.24 (6.10)
E	0.20 (5.08)	—
F	0.26 (6.60)	0.32 (8.13)
G	0.25 (6.35)	0.30 (7.62)
H	0.10 (2.54)	0.12 (3.05)
I	0.03 (0.76)	—
J	0.10 (2.54)	0.12 (3.05)
K	0.17 (4.30)	0.19 (4.83)

NOTE 1: I.S. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .063/.065 DIA. PIN

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 1,000 VRMS.
CABLE DEPENDENT
FREQUENCY RANGE: 0-11 GHz

MECHANICAL SPECIFICATIONS

MATING: 5/8 - 24 THREADED COUPLING
INTERFACE: MIL-STD-348, SECTION 304
CABLING: CLAMP, SOLDER AND CRIMP

PLATING

G - GOLD
N - NICKEL
S - SILVER
WB - WHITE BRONZE

DIELECTRIC MATERIAL

1 - PTFE

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
B	TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 8326P, 8328A, 84316; COMMSCOPE AMC-174, WBC-100
B1	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 8326P; COLEMAN 1596
C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
C2	TIMES LMR-200, MS-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
C3	RG-58/U PLENUM; RG-122/U; ALPHA 9859, 91585; BELDEN 82240, 82907, 88240, 89907
D	RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9059, 9062, 9830, 9840, 9845; BELDEN 8221, 8241, 9169, 9204, 9228; CANARE LV-613; COMMSCOPE 5550, 5555, 5560, 5563
E	TIMES AA-447B, RG-8, 8A, 213/U; ALPHA 9008, 9213; BELDEN 8267, 9251, 9880, 89880; INTERCOMP 4082, 22132
E	RG-9, 9A, 9B, 214/U; ALPHA 9214; BELDEN 8242, 8268
I	TIMES AA-5886, AA-6144, LMR-400, LMR-400 ULTRAFLEX; ANDREW CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; BELDEN 7810A, 8214, 9913; COMMSCOPE TCOM-400, TCOM-400-FR, TCOM-400-FUR, WBC-400, WBC-400R, CUSHCRAFT ULTRALINK TL93605; HARBOUR HPF400
I2	TIMES LMR-600, LMR-600 ULTRAFLEX; ANDREW CNT-600, CNT-600-DB, CNT-600-FR, COMMSCOPE TCOM-600, TCOM-600-FR, TCOM-600-FUR, WBC-600, WBC-600R
I6	TIMES LMR-300; ANDREW CNT-300, CNT-300AL, CNT-300-DB, CNT-300-FR; BELDEN 7809; COMMSCOPE TCOM-300, TCOM-300-FR, WBC-300
M	TIMES MS-15; RG-122/U; BELDEN 82907, 88240, 89907; MOTOROLA WHITE PTFE
P	TIMES AA-3096; ANTENNA SPECIALIST K214, PRO-FLEX 800
P5	BELDEN 89913
S81	.085 SEMI RIGID; RG-405/U; BELDEN 1671A; RD-179
S82	.141 SEMI RIGID; RG-402/U; BELDEN 1673A
S83	.250 SEMI RIGID; RG-401/U
X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SAKTON 8315

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
RFN-1000-15,
-C2, -C25, -N



FIG. 2
RFN-1001-S



FIG. 3
RFN-1002-1N,
-15, -15L, -PL



FIG. 4
RFN-1002-2L2



Strain reliefs for RG-58/U — available separately
PT-4015-03-BK (black), PT-4015-03-BL (blue)



FIG. 5
RFN-1004-15P, -15X



FIG. 4
RFN-1005-1SR1,
-1SR2



RFN-100S-2N, -3C, -3C1, -7,
-8-03, -81-03, -C1, -C2, -C25



FIG. 8
RFN-1005-5

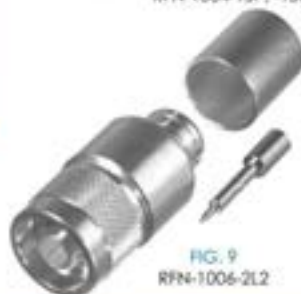


FIG. 9
RPN4-1006-2L2



FIG. 10
RFN-1006-3E, -3F,
-3L, -3Q



PG. 11
RFN-1006-WS-02



FIG. 12
RFN-1004-8

PHOTOS FOR REFERENCE ONLY. SHOWN AT 75% ACTUAL SIZE

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	D/E	
RPN-1000-13	1	Male Clamp	C, C1	for RG-58/U & RG-142/U	UG-536A/U	S	G	T	RFA-4009-206
RPN-1000-C2	1	Male Clamp	C2	for Times LMR-200		N	G	T	RFA-4009-206
RPN-1000-C25	1	Male Clamp	C2	for Times LMR-200		S	G	T	RFA-4009-206
RPN-1000-N	1	Male Clamp	C, C1	for RG-58/U & RG-142/U	UG-536B/U	N	G	T	RFA-4009-206
RPN-1001-5	2	Male Solder	C, C1, C2, D, E, F, G, X	for Cable Group C, C1, C2 use with Reducer RPU-530, for Cable Groups D, F & X use with Reducer RPU-531—Connector will Accept Maximum Center Conductor of OD .108 [2.74]		S	G	T	Solder Only
RPN-1002-1N	3	Male Clamp	E	for RG-8/U & RG-213/U	UG-218/U, D/U, E/U	N	G	T	RFA-4009-206
RPN-1002-1S	3	Male Clamp	E	for RG-8/U & RG-213/U	UG-218/U, D/U, E/U	S	G	T	RFA-4009-206
RPN-1002-1S1	3	Male Clamp	I	for Belden 9913 & Times LMR-400		S	G	T	RFA-4009-200
RPN-1002-2L2	4	Male Clamp	L2	for Times LMR-600		S	G	T	Solder Only
RPN-1002-PL	3	Male Clamp	PL	for Belden 89913 Plenum		S	G	T	RFA-4009-205
RPN-1004-1SP	5	Male Clamp	P	for Proflex		S	G	T	RFA-4009-206
RPN-1004-1SX	5	Male Clamp	X	for RG-8/X & Times LMR-240		S	G	T	RFA-4009-206
RPN-1005-1SR1	6	Male	SR1	for .085 Semi-Rigid	Direct Solder	N	G	T	Solder Only
RPN-1005-1SR2	6	Male	SR2	for .141 Semi-Rigid	Direct Solder	N	G	T	Solder Only
RPN-1005-2N	7	Male Crimp	C	for RG-58/U		N	G	T	RFA-4009-206
RPN-1005-3C	7	Male Crimp	C	for RG-58/U		S	G	T	RFA-4009-206
RPN-1005-3C1	7	Male Crimp	C1	for RG-142/U & RG-55/U		S	G	T	RFA-4009-206
RPN-1005-5	8	Male Crimp	C	Quick Disconnect, for RG-58/U		S	G	T	RFA-4009-206
RPN-1005-7	7	Male Crimp	C3, M	for Motorola White PTFE, RG-58 Plenum or Belden 89907		S	G	T	RFA-4009-206
RPN-1005-B-03	7	Male Crimp	B	for RG-174/U & RG-316/U		N	G	T	RFA-4009-200
RPN-1005-B1-03	7	Male Crimp	B1	for RG-174/U & RG-316/U Double Shield		N	G	T	RFA-4009-200
RPN-1005-C1	7	Male Crimp	C1	for RG-142/U & RG-55/U		N	G	T	RFA-4009-206
RPN-1005-C2	7	Male Crimp	C2	for Times LMR-200		N	G	T	RFA-4009-206
RPN-1005-C25	7	Male Crimp	C2	for Times LMR-200		S	G	T	RFA-4009-206
RPN-1006-2L2	9	Male Crimp	L2	for Times LMR-600		S	G	T	RFA-4009-205 & RFA-4009-201
RPN-1006-2E	10	Male Crimp	E	for RG-8/U & RG-213/U	UG-1681/U	S	G	T	RFA-4009-205
RPN-1006-2F	10	Male Crimp	F	for RG-9/U & RG-214/U	UG-1682/U	S	G	T	RFA-4009-205
RPN-1006-3I	10	Male Crimp	I	for Belden 9913 & Times LMR-400		S	G	T	RFA-4009-200
RPN-1006-3I2	10	Male Crimp	I2	for RG-8/U Type, LMR-400LLPL		S	G	T	
RPN-1006-WB-07	11	Male Crimp	I2	for RG-8/U Type, LMR-400LLPL		WB	G	T	
RPN-1006-B1	12	Male Crimp	I	for Times LMR-400; Knurled Shell; 2-Piece Design	for solid center conductor cable only	N	G	T	RFA-4009-205



PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFN-1006-8X	13	Male Crimp	X	for RG-8/X & Times LMR-240, Solderless Center Conductor		N	G	T	RFA-4009-203
RFN-1006-9I	14	Male Crimp	I	for Belden 9913 & Times LMR-400; Hex & Knurled Shell; 2-Piece Design	for solid center conductor cable only	WB	G	T	RFA-4009-205
RFN-1006-9L2	15	Male Crimp	L2	for Times LMR-400; Hex & Knurled Shell; 3-Piece Design with Heat Shrink		WB	G	T	RFA-4009-305 & RFA-4009-201
RFN-1006-9X	16	Male Crimp	X	for RG-8/X & Times LMR-240; Hex Shell; 2-Piece Design		N	G	T	RFA-4009-203
RFN-1006-I	17	Male Crimp	I	for Belden 9913 & Times LMR-400		N	G	T	RFA-4009-200
RFN-1006-I2	17	Male Crimp	I2	RG-8/U Type, LMR-400/LPL		N	G	T	
RFN-1006-I-15	17	Male Crimp	I	Pin with 15 Micro in Gold, for RG-8/U Type, LMR-400 & Belden 9913		N	G	T	
RFN-1006-I-WB	18	Male Crimp	I	for Belden 9913 & Times LMR-400; Hex & Knurled Shell, with heat shrink	Times TC-400-NMH-D	WB	G	T	RFA-4009-200
RFN-1006-L6	18	Male Crimp	L6	for Times LMR-300		N	G	T	RFA-4009-400 & RFA-4009-308
RFN-1006-PL	18	Male Crimp	PL	for Belden 89913 Plenum		S	G	T	RFA-4009-200
RFN-1007-25P	19	Male Crimp	P	for Proflex		S	G	T	RFA-4009-203
RFN-1007-25X	19	Male Crimp	X	for RG-8/X & Times LMR-240		S	G	T	RFA-4009-100
RFN-1007-X	19	Male Crimp	X	for RG-8/X & Times LMR-240		N	G	T	RFA-4009-400
RFN-1009-3E	20	Male Right Angle Crimp	E	for RG-8/U		S	G	T	RFA-4009-203
RFN-1009-3I	20	Male Right Angle Crimp	I	for Belden 9913 & Times LMR-400		S	G	T	RFA-4009-203
RFN-1009-9X-WB	21	Male Right Angle Crimp	X	Hex Shell, for RG-8/X		WB	G	T	
RFN-1009-B-03	22	Male Right Angle Crimp	B	Square Body, for RG-174/U		N	G	T	RFA-4009-204
RFN-1009-C	22	Male Right Angle Crimp	C	for RG-58/U		S	G	T	RFA-4009-204
RFN-1009-C-03	22	Male Right Angle Crimp	C	Square Body, for RG-58/U		N	G	T	RFA-4009-204
RFN-1009-C1	22	Male Right Angle Crimp	C1	for RG-142/U & RG-55/U		S	G	T	RFA-4009-204



FIG. 23
RFN-1009-C1, -C3



FIG. 23
RFN-1009-C, -C1, -C2



FIG. 24
RFN-1009-I, I-99



FIG. 25
RFN-1009-PL



FIG. 26
RFN-1009-X-04



FIG. 27
RFN-1010-1



FIG. 28
RFN-1011-1



FIG. 29
RFN-1012-1



FIG. 30
RFN-1013-1



FIG. 31
RFN-1013-1-03



FIG. 32
RFN-1014-1



FIG. 33
RFN-1020-1



FIG. 34
RFN-1021



FIG. 35
RFS-2068



FIG. 36
RFN-1021-03



FIG. 37
RFN-1021-1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFN-1009-C1-03	23	Male Right Angle Crimp	C1	for RG-142/U, square body		N	G	T	RFA-4009-206
RFN-1009-C2	23	Male Right Angle Crimp	C2	for Times LMR-200		S	G	T	RFA-4009-206
RFN-1009-I	24	Male Right Angle Crimp	I	for Belden 9913 & Times LMR-400		WB	G	T	RFA-4009-205
RFN-1009-I-99	24	Male Right Angle Crimp	I	for RG-8 Type, LMR-400 & Belden 9913		N	G	T	
RFN-1009-PL	25	Male Right Angle Crimp	PL	for Belden 89913 Plenum		S	G	T	RFA-4009-203
RFN-1009-X-04	26	Male Right Angle Crimp	X	for RG-8/X & Times LMR-340		N	G	T	RFA-4009-203
RFN-1010-1	27	T Adapter		N Double Female to N Male	UG-107B/U	S	G	T	
RFN-1011-1	28	T Adapter		N Triple Female	UG-28A/U	S	G	T	
RFN-1012-1	29	Right Angle Adapter		N Female to N Male	UG-27A/U, B/U, C/U, D/U	S	G	T	
RFN-1013-1	30	Barrel Adapter		N Female to N Female	UG-29B/U, C/U	S	G	T	
RFN-1013-1-03	31	Barrel Adapter		N Female to N Female		N	G	T	
RFN-1014-1	32	Barrel Adapter		N Male to N Male	UG-57B/U	S	G	T	
RFN-1020-1	33	Female Panel Mount		2 Hole Flange		S	G	T	
RFN-1021	34	Female Panel Mount		4 Hole Flange	UG-58A/U	S	G	T	
RFS-2068	35	N Female 4 Hole Panel Mount		Solder Tab		N	G	T	
RFN-1021-03	36	Female Panel Mount		4 Hole Flange		N	G	T	
RFN-1021-1	37	Female Panel Mount		4 Hole Flange with Removable Pin & Push Dielectric	UG-58A/U	S	G	T	



PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFN-1021-14	38	Female Panel Mount		4 Hole Flange w/ Slotted Terminal Contact		N	G	T	
RFN-1021-14-WB	38	Female Panel Mount		4 Hole Flange w/ Slotted Terminal Contact		WB	G	T	
RFN-1021-2	39	Female Panel Mount		4 Hole Flange w/ Soldercup	UG-58A/U	N	G	T	
RFN-1021-4	40	Female Panel Mount		Mini 4 Hole Flange w/ Post Terminal, .730" Extended Dielectric & O-Ring		N	G	T	
RFN-1021-5	41	Female Panel Mount		Mini 4 Hole Flange w/ Post Terminal, .260" Extended Dielectric & O-Ring		N	G	T	
RFN-1021-5-03		Female Panel Mount		Mini 4 Hole Flange with .180" Extended Dielectric		N	G	T	
RFN-1021-6	42	Female Clamp Panel Mount	C, C1	4 Hole Flange, for RG-58/U & RG-142/U	UG109SA/U, B/U, C/U	S	G	T	RFA-4009-204
RFN-1022	43	Female Bulkhead		Front Mount, No D-Flat		S	G	T	
RFN-1022-1	43	Female Bulkhead		Front Mount with Double D-Flat	UG-680/U, A/U	S	G	T	
RFN-1022-2SR2	44	Female Bulkhead	SR2	Rear Mount with Double D-Flat, for .141 Semi-Rigid Cable	Direct Solder	S	G	T	
RFN-1022-3	45	Female Bulkhead		Front Mount, Long with Double D-Flat		S	G	T	
RFN-1022-3-03	45	Female Bulkhead		Front Mount, Long with Double D-Flat		S	G	T	
RFN-1022-5	46	Female Bulkhead		Front Mount with D-Flat & O-Ring		N	G	T	
RFN-1022-5-03	46	Female Bulkhead		Front Mount with D-Flat, .375" Opening, BeCu Contact		N	G	T	
RFN-1022-8	47	Female Crimp Bulkhead	B	Rear Mount with O-Ring, for RG-174/U	for RG-174/U & RG-316/U	N	G	T	RFA-4009-204
RFN-1022-8-B1	47	Female Crimp Bulkhead	B1	Rear Mount w/ O-Ring, for RG-316/U Double Shield	for RG-174/U & RG-316/U	N	G	T	RFA-4009-204
RFN-1022-8-C	47	Female Crimp Bulkhead	C	Rear Mount with O-Ring, for RG-58/U		N	G	T	RFA-4009-204
RFN-1022-8-C1	47	Female Crimp Bulkhead	C1	Rear Mount with O-Ring, for RG-142/U		N	G	T	RFA-4009-204
RFN-1022-8-C2	47	Female Crimp Bulkhead	C2	Rear Mount with O-Ring, for LMR-200		N	G	T	RFA-4009-204
RFN-1022-8-M	47	Female Crimp Bulkhead	M	Rear Mount for RG-58/U Plenum		N	G	T	
RFN-1022-SR1	44	Female Bulkhead	SR1	Rear Mount with Double D-Flat, for .085" Semi-Rigid Cable	Direct Solder	N	G	T	



PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BOY	P/C	DIE	
RFN-1022-SR2	48	Female Bulkhead	SR2	Rear Mount with Double D-Flat, for .141" Semi-Rigid Cable	Direct Solder	N	G	T	
RFN-1022-SR3	48	Female Bulkhead	SR3	Rear Mount with Double D-Flat, for .250" Semi-Rigid Cable	Direct Solder	N	G	T	
RFN-1022-X	49	Female Crimp Bulkhead	X	Rear Mount with O-Ring, for LMR-240		WB	G	T	RFA-4005-400
RFN-1023	50	Front Mount Bulkhead Adapter		N Female to N Female	UG-30C/U	S	G	T	
RFN-1023-5	51	Female Bulkhead Adapter		N Female to BNC Female		N	G	T	
RFN-1024-1	52	Female Clamp	E	for RG-8/U	UG-230/U, F/U	S	G	T	
RFN-1024-1S1	52	Female Clamp	I	for Belden 9913 & Times LMR-400		S	G	T	
RFN-1024-PL	52	Female Clamp	PL	for Belden 89913 Plenum		S	G	T	
RFN-1025-1	53	Female Clamp	C, C1	for RG-58/U & RG-142/U		S	G	T	
RFN-1025-C2	53	Female Clamp	C2	for Times LMR-200		S	G	T	
RFN-1026-1X	54	Female Clamp	X	for RG-8/X & Times LMR-240		S	G	T	RFA-4009-206
RFN-1027	55	Female Crimp	C	for RG-58/U		N	G	T	RFA-4009-206
RFN-1027-B	56	Female Crimp	B	for RG-174/U & RG-316/U		N	G	T	RFA-4005-200
RFN-1027-B1		Female Crimp	B1			N	G	T	
RFN-1027-C1	55	Female Crimp	C1	for RG-142		S	G	T	RFA-4009-206
RFN-1027-C2	55	Female Crimp	C2	for Times LMR-200		S	G	T	RFA-4009-206
RFN-1027-N	55	Female Crimp	C	for RG-58/U		N	G	T	RFA-4009-206
RFN-1027-58	56	Female Crimp	B	for RG-174/U & RG-316/U		S	G	T	RFA-4005-200
RFN-1028	58	Female Crimp	E	for RG-8/U	Amphenol 82-0337	S	G	T	RFA-4009-203
RFN-1028-2L2	57	Female Crimp	L2	for Times LMR-400		S	G	T	Female only, RFA-4009-201
RFN-1028-F	58	Female Crimp	E	for RG-9/U & RG-214/U		S	G	T	RFA-4005-200
RFN-1028-I	58	Female Crimp	I	for Belden 9913 & Times LMR-400		N	G	T	RFA-4005-200
RFN-1028-Q	59	Female Crimp	Q	for LMR-400LPL		N	G	T	



PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BOY	P/C	DIE	
RFN-1028-PL	59	Female Crimp	PL	for Belden 89913 Plenum		S	G	T	RFA-4005-200
RFN-1028-SL	59	Female Crimp	L	for Belden 9913 & Times LMR-400		S	G	T	RFA-4005-200
RFN-1028-S12	59	Female Crimp	I2	for LMR-400LLPL		S	G	T	
RFN-1029-SP	60	Female Crimp	SP	for Proflex		S	G	T	RFA-4009-203
RFN-1029-SX	60	Female Crimp	SX	for RG-8/X & Times LMR-240		S	G	T	RFA-4009-203
RFN-1034-1	61	Female Adapter		N Female to UHF Female		S	G	T	
RFN-1035-1	62	Male Adapter		N Male to UHF Female		S	G	T	
RFN-1036-1	63	Female Adapter		N Female to UHF Male		S	G	T	
RFN-1037-1	64	Male Adapter		N Male to BNC Female		S	G	T	
RFN-1038-1	65	Female Adapter		N Female to BNC Male		S	G	T	
RFN-1039-1	66	Female Adapter		N Female to BNC Female		S	G	T	
RFN-1040-1	67	Male Adapter		N Male to BNC Male		S	G	T	
RFN-1041-1	68	Male Panel Mount		4 Hole Flange, Soldercup		S	G	T	
RFN-1054-AV	69	Right Angle Adapter		N Male to N Male		N	G	T	
RFS-2030	70	N Female Bulkhead Vertical PCB Mount		Double D Flat, 1.645" Threads		N	S	T	

QMA (QUICK MATE)

SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: 50 Ω WORKING VOLTAGE RATING: 335 VRMS SEA LEVEL FREQUENCY RANGE: 0-6 GHz MECHANICAL SPECIFICATIONS MATING: FORCE TO ENGAGE CABLING: CRIMP AND SOLDER PLATING G - GOLD WB - WHITE BRONZE DIELECTRIC MATERIAL T - PTFE		GRP FOR THESE CABLE TYPES C TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195 C1 RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142 C2 TIMES LMR-200, M51-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200 X RG-8X; BELDEN 925R; COMMSCOPE 8WC-240, 8WC-240R; MICRO 8/U; REMEE 1600; SAXTON 8315; TIMES LMR-240, LMR-240 ULTRAFLEX FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS	



FIG. 1
RQA-5000-C,
-C1, -X



FIG. 2
RQA-5010-BX



FIG. 3
RQA-5010-C, -C1, -X



FIG. 4
QMA-TOOL

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RQA-5000-C	1	QMA Plug, Crimp (Snap Lock)	C		WB	G	1	RFA-4009-206
RQA-5000-C1	1	QMA Plug, Crimp (Snap Lock)	C1		WB	G	1	RFA-4009-206
RQA-5000-X	1	QMA Plug, Crimp (Snap Lock)	X		WB	G	1	RFA-4009-100
RQA-5010-BX	2	QMA Right Angle Plug, Crimp (Snap Lock)	X	Solderless Contact, Includes Heat Shrink	WB	G	1	RFA-4009-203
RQA-5010-C	3	QMA Right Angle Plug, Crimp (Snap Lock)	C, C2		WB	G	1	RFA-4009-206
RQA-5010-C1	3	QMA Right Angle Plug, Crimp (Snap Lock)	C1		WB	G	1	RFA-4009-206
RQA-5010-X	3	QMA Right Angle Plug, Crimp (Snap Lock)	X		WB	G	1	RFA-4009-203
QMA-TOOL	4	Assembly Tool for Pressing Cap Right Angle Plug			SST	—	—	

SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: 75 Ω WORKING VOLTAGE RATING: N/A MECHANICAL SPECIFICATIONS MATING: PUSH-ON PLATING G - GOLD N - NICKEL DIELECTRIC MATERIAL D - DELRIN PP - POLYPROPYLENE	GRP	FOR THESE CABLE TYPES	
	D	RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9059, 9062, 9830, 9840, 9845; BELDEN 8221, 8241, 9169, 9204, 9228; CANARE LV-615; COMMSCOPE 5550, 5555, 5560, 5563	
	FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS		



FIG. 1
RCA-1902



FIG. 2
RCA-1903



FIG. 3
RCA-1950-03

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RCA-1902	1	Male Crimp	D	for RG-59/U	N	N	PP	RFA-400F-203
RCA-1903	2	Male Solder	D	Integral Spring Strain Relief: for RG-59/U	G	G	PP	
RCA-1950-03	3	RCA Jack to RCA Jack Bulkhead Adapter		with D-Flat	N	G	D	

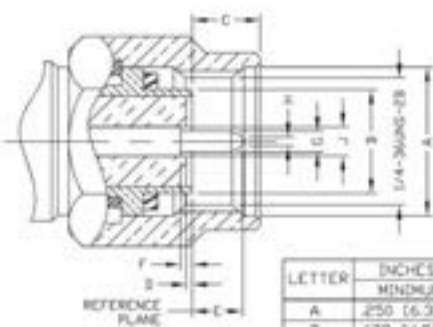
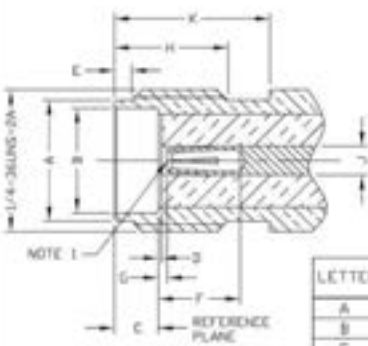
Male		FEMALE																																																																						
	<table><tr><th>LETTER</th><th colspan="2">INCHES (MILLIMETERS)</th></tr><tr><th></th><th>MINIMUM</th><th>MAXIMUM</th></tr><tr><td>A</td><td>.250 (6.35)</td><td>.265 (6.73)</td></tr><tr><td>B</td><td>.178 (4.53)</td><td>.186 (4.59)</td></tr><tr><td>C</td><td>.350 (8.94)</td><td>.355 (9.03)</td></tr><tr><td>D</td><td>.009</td><td>.010 (0.25)</td></tr><tr><td>E</td><td>.075 (1.91)</td><td>.100 (2.54)</td></tr><tr><td>F</td><td>.009</td><td>.010 (0.25)</td></tr><tr><td>G</td><td>.035 (0.90)</td><td>.037 (0.94)</td></tr><tr><td>H</td><td>.009</td><td>.010 (0.25)</td></tr><tr><td>J</td><td>.049 (1.24)</td><td>.051 (1.30)</td></tr></table>	LETTER	INCHES (MILLIMETERS)			MINIMUM	MAXIMUM	A	.250 (6.35)	.265 (6.73)	B	.178 (4.53)	.186 (4.59)	C	.350 (8.94)	.355 (9.03)	D	.009	.010 (0.25)	E	.075 (1.91)	.100 (2.54)	F	.009	.010 (0.25)	G	.035 (0.90)	.037 (0.94)	H	.009	.010 (0.25)	J	.049 (1.24)	.051 (1.30)		<table><tr><th>LETTER</th><th colspan="2">INCHES (MILLIMETERS)</th></tr><tr><th></th><th>MINIMUM</th><th>MAXIMUM</th></tr><tr><td>A</td><td>.208 (5.28)</td><td>.216 (5.49)</td></tr><tr><td>B</td><td>.181 (4.60)</td><td>.184 (4.67)</td></tr><tr><td>C</td><td>.074 (1.88)</td><td>.078 (1.98)</td></tr><tr><td>D</td><td>.009</td><td>.010 (0.25)</td></tr><tr><td>E</td><td>.015 (0.38)</td><td>.045 (1.14)</td></tr><tr><td>F</td><td>.115 (2.92)</td><td>—</td></tr><tr><td>G</td><td>.009</td><td>.010 (0.25)</td></tr><tr><td>H</td><td>.178 (4.53)</td><td>—</td></tr><tr><td>J</td><td>.049 (1.24)</td><td>.051 (1.30)</td></tr><tr><td>K</td><td>.218 (5.54)</td><td>—</td></tr></table>	LETTER	INCHES (MILLIMETERS)			MINIMUM	MAXIMUM	A	.208 (5.28)	.216 (5.49)	B	.181 (4.60)	.184 (4.67)	C	.074 (1.88)	.078 (1.98)	D	.009	.010 (0.25)	E	.015 (0.38)	.045 (1.14)	F	.115 (2.92)	—	G	.009	.010 (0.25)	H	.178 (4.53)	—	J	.049 (1.24)	.051 (1.30)	K	.218 (5.54)	—
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		NOTE 1: 1.0 TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .052"/.054" DIA. PIN																																																																						
SPECIFICATIONS		CABLE GROUPS																																																																						
ELECTRICAL SPECIFICATIONS—FLEX CABLE IMPEDANCE: 50 Ω WORKING VOLTAGE RATING: 500 VRMS (RG-58) WORKING VOLTAGE RATING: 375 VRMS (RG-316) FREQUENCY RANGE: 0-12.4 GHz & 18 GHz		GRP FOR THESE CABLE TYPES																																																																						
		Δ RG-178, 178A, 178B, 196, 196A/U; BELDEN 83265																																																																						
		B TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 917A, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100																																																																						
		B1 RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1596																																																																						
ELECTRICAL SPECIFICATIONS—SEMI-RIGID CABLE IMPEDANCE: 50 Ω WORKING VOLTAGE RATING: 500 VRMS FREQUENCY RANGE: 0-18 GHz		C TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 006B, TCOM-195, TCOM-195-FR; HARBOUR HPF195																																																																						
		C1 RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142																																																																						
		C2 TIMES LMR-200, M3-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200																																																																						
MECHANICAL SPECIFICATIONS MATING: 1/4-36UNS THREADED COUPLING INTERFACE: MIL-STD-348A, SECTION 310 CABLING: CLAMP, CRIMP AND SOLDER		I TIMES AA-586A, AA-6146, LMR-400, LMR-400 ULTRAFLEX; ANDREW CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; BELDEN 7810A, 8214, 9913; COMMSCOPE TCOM-400, TCOM-400-FR, TCOM-400-PUR, WBC-400, WBC-400R, CUSHCRAFT ULTRALINK TL9360S; HARBOUR HPF400																																																																						
PLATING G - GOLD N - NICKEL SS - STAINLESS STEEL		M TIMES M3-15; RG-122/U; BELDEN 82907, 88240, 89907; MOTOROLA WHITE PTFE																																																																						
		S80 .047 SEMI RIGID; M17/151																																																																						
		S81 .085 SEMI RIGID; RG-405/U; BELDEN 1671A; RD-179																																																																						
		S82 .141 SEMI RIGID; RG-402/U; BELDEN 1673A																																																																						
DIELECTRIC MATERIAL T - PTFE		X TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SACTON 8315																																																																						
FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS																																																																								



FIG. 1
RSA-3000-1B, -1B-03,
-1B1, -A, -B, -B1, B-SS



FIG. 2
RSA-3000-1C, -1C1, -C,
-C1, -C2



FIG. 3
RSA-3000-1C-03



FIG. 4
RSA-3000-I

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

FIG. 5
RSA-3000-7, -XFIG. 6
RSA-3010-18, -18-04,
-181, -8, -81, B-55FIG. 7
RSA-3010-1C, -1C1,
-7, -C, -C1, C2, -XFIG. 8
RSA-3050-18,
-181, -8, -81

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RSA-3000-18	1	Male Crimp	B	for RG-174/U	G	G	T	RFA-4009-204 & RFA-4089
RSA-3000-18-03	1	Male Crimp	B	for RG-174/U	SS/G	G	T	RFA-4009-204
RSA-3000-181	1	Male Crimp	B1	for RG-316/U Double Shield	G	G	T	RFA-4009-204 & RFA-4089
RSA-3000-1C	2	Male Crimp	C	for RG-58/U	G	G	T	RFA-4009-206
RSA-3000-1C-03	3	Male Crimp	C	for RG-58/U, with Shrink Tube	G	G	T	RFA-4009-206
RSA-3000-1C1	2	Male Crimp	C1	for RG-142/U	G	G	T	RFA-4009-206
RSA-3000-1C2	2	Male Crimp	C2	for LMR-200	G	G	T	RFA-4009-206
RSA-3000-7	5	Male Crimp	C3, M	for Plenum RG-58/U, Motorola White Cable	N	G	T	RFA-4009-206
RSA-3000-A	1	Male Crimp	A	for RG-178/U	N	G	T	RFA-4009-204 & RFA-4089
RSA-3000-8	1	Male Crimp	B	for RG-174/U	N	G	T	RFA-4009-204 & RFA-4089
RSA-3000-81	1	Male Crimp	B1	for RG-316/U Double Shield	N	G	T	RFA-4009-204 & RFA-4089
RSA-3000-8-55	1	Male Crimp	B	for RG-174/U	SS	G	T	RFA-4009-204 & RFA-4089
RSA-3000-C	2	Male Crimp	C	for RG-58/U	N	G	T	RFA-4009-206
RSA-3000-C1	2	Male Crimp	C1	for RG-142/U	N	G	T	RFA-4009-206
RSA-3000-C2	2	Male Crimp	C2	for Times LMR-200	N	G	T	RFA-4009-206
RSA-3000-I	4	Male Crimp	I	for Belden 9913 & Times LMR-400	N	G	T	RFA-4009-203
RSA-3000-X	5	Male Crimp	X	for RG-8X & Times LMR-240	N	G	T	RFA-4009-203
RSA-3010-18	6	Male Right Angle Crimp	B	for RG-174/U	G	G	T	RFA-4009-204
RSA-3010-18-04	6	Male Right Angle Crimp	B	for RG-174/U	SS/G	G	T	RFA-4009-204
RSA-3010-181	6	Male Right Angle Crimp	B1	for RG-316/U Double Shield	G	G	T	RFA-4009-204
RSA-3010-1C	7	Male Right Angle Crimp	C	for RG-58/U	G	G	T	RFA-4009-206
RSA-3010-1C1	7	Male Right Angle Crimp	C	for RG-58/U	G	G	T	RFA-4009-206
RSA-3010-8	6	Male Right Angle Crimp	B	for RG-174/U	N	G	T	RFA-4009-204
RSA-3010-81	6	Male Right Angle Crimp	B1	for RG-316/U Double Shield	N	G	T	RFA-4009-204
RSA-3010-8-55	6	Male Right Angle Crimp	B	for RG-316/U	SS	G	T	RFA-4009-204
RSA-3010-C	7	Male Right Angle Crimp	C	for RG-58/U	N	G	T	RFA-4009-206
RSA-3010-C1	7	Male Right Angle Crimp	C1	for RG-142/U	N	G	T	RFA-4009-206
RSA-3010-C2	7	Male Right Angle Crimp	C2	for Times LMR-200	N	G	T	RFA-4009-206
RSA-3010-X	7	Male Right Angle Crimp	X	for RG-8X & Times LMR-240	N	G	T	RFA-4009-203
RSA-3010-Z	7	Male Right Angle Crimp	C3, M	for Motorola White PTFE, Belden 89907	N	G	T	RFA-4009-206
RSA-3010-7-8	7	Male Right Angle Crimp	B	Stainless Steel Nut with Gold Body, for RG-174/U	SS	G	T	RFA-4009-204
RSA-3050-18	8	Female Crimp	B	for RG-174/U	G	G	T	RFA-4009-204
RSA-3050-181	8	Female Crimp	B1	for RG-316/U Double Shield	G	G	T	RFA-4009-204



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BOY	P/C	DIE	
RSA-3050-1C	9	Female Crimp	C	for RG-58/U	G	G	T	RFA-4009-204
RSA-3050-1C1	9	Female Crimp	C1	for RG-142/U	G	G	T	RFA-4009-204
RSA-3050-1C2	9	Female Crimp	C2	for Times LMR-200	G	G	T	RFA-4009-204
RSA-3050-B	8	Female Crimp	B	for RG-174/U	N	G	T	RFA-4009-204
RSA-3050-B1	8	Female Crimp	B1	for RG-316/U Double Shield	N	G	T	RFA-4009-204
RSA-3050-C	9	Female Crimp	C	for RG-58/U	N	G	T	RFA-4009-204
RSA-3050-C1	9	Female Crimp	C1	for RG-142/U	N	G	T	RFA-4009-204
RSA-3050-C2	10	Female Crimp	C2	for Times LMR-200	N	G	T	RFA-4009-204
RSA-3050-X	11	Female Crimp	X	for RG-8X & Times LMR-240	N	G	T	RFA-4009-203
RSA-3100-B	12	Male Crimp	B	for RG-174/U	N	G	T	
RSA-3100-C	13	Male Crimp	C	for RG-58/U	N	G	T	
RSA-3110-B	14	Male Right Angle Crimp	B	for RG-174/U	N	G	T	
RSA-3110-C	14	Male Right Angle Crimp	C	for RG-58/U	N	G	T	
RSA-3200	15	Male Bulkhead		Front Mount with Solder Cup & D-Flat	N	G	T	
RSA-3200-1	15	Male Bulkhead		Front Mount with Solder Cup & D-Flat	G	G	T	
RSA-3221	16	Male Panel Mount		2 Hole Flange with Solder Cup	N	G	T	
RSA-3231	17	Male Panel Mount		4 Hole Flange with Solder Cup	N	G	T	
RSA-3232-1	18	Male Panel Mount		4 Hole Flange with .126" Ext. Dielectric & .012" dia. Probe	G	G	T	
RSA-3250	18	Female Bulkhead		Front Mount with Solder Cup & D-Flat	N	G	T	
RSA-3251	19	Female Crimp Bulkhead		Rear Mount with Solder Cup & D-Flat	N	G	T	
RSA-3251-1-10	20	Female Bulkhead		Rear Mount with Solder Cup, Hex Flange, D-Flat & O-Ring	G	G	T	
RSA-3252-1B	22	Female Crimp Bulkhead	B	Rear Mount with D-Flat, for RG-174/U	G	G	T	RFA-4009-204
RSA-3252-1B1	23	Female Crimp Bulkhead	B1	Rear Mount with D-Flat, for RG-316/U Double Shield	G	G	T	RFA-4009-204
RSA-3252-11	22	Female Crimp Bulkhead	I	Rear Mount with D-Flat, for LMR-400	G	G	T	RFA-4009-205
RSA-3252-A	23	Female Crimp Bulkhead	A	Rear Mount with D-Flat, for RG-178/U	N	G	T	RFA-4009-204
RSA-3252-A-4	21	Female Crimp Bulkhead	A	Reverse Polarity (Gender), for RG-178/U	N	G	T	RFA-4009-400
RSA-3252-B	23	Female Crimp Bulkhead	B	Rear Mount with D-Flat, for RG-174/U	N	G	T	RFA-4009-204
RSA-3252-8-03	23	Female Crimp Bulkhead	B	Rear Mount with Gasket & D-Flat, for RG-174/U	N	G	T	RFA-4009-204
RSA-3252-81	23	Female Crimp Bulkhead	B1	Rear Mount with D-Flat, for RG-316/U Double Shield	N	G	T	RFA-4009-204



FIG. 24
RSA-3252-C,
-C1, -C2



FIG. 25
RSA-3261



FIG. 26
RSA-3262, -1



FIG. 27
RSA-3268



FIG. 28
RSA-3269



FIG. 29
RSA-3270-C



FIG. 30
RSA-3271



FIG. 31
RSA-3279



FIG. 32
RSA-3279-10



FIG. 33
RSA-3285-03



FIG. 34
RSA-3300, -1



FIG. 35
RSA-3300-1-03
-NL, -NL-03



FIG. 36
RSA-3350, -1



FIG. 37
RSA-3350-2-1



FIG. 38
RSA-3400, -1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RSA-3252-C	24	Female Crimp Bulkhead	C	Rear Mount with D-Flat, for RG-58/U	N	G	T	RFA-4028-206
RSA-3252-C1	24	Female Crimp Bulkhead	C1	Rear Mount with D-Flat, for RG-142/U	N	G	T	RFA-4028-206
RSA-3252-C2	24	Female Crimp Bulkhead	C2	Rear Mount with D-Flat, for LMR-200	N	G	T	RFA-4028-206
RSA-3261	25	Female Panel Mount		2 Hole Flange with Solder Cup	N	G	T	
RSA-3262	26	Female Panel Mount		2 Hole Flange with Post Terminal	N	G	T	
RSA-3262-1	26	Female Panel Mount		2 Hole Flange with Post Terminal	G	G	T	
RSA-3268	27	Female Panel Mount		2 Hole Flange with .196" Extended Dielectric & Post Terminal	N	G	T	
RSA-3269	28	Female Panel Mount		2 Hole Flange with .397" Extended Dielectric & Post Terminal	N	G	T	
RSA-3270-C	29	Female Crimp Panel Mount	C	4 Hole Flange, for RG-58/U	N	G	T	RFA-4028-206
RSA-3271	30	Female Panel Mount		4 Hole Flange with Solder Cup	N	G	T	
RSA-3279	31	Female Panel Mount		4 Hole Flange with .397" Extended Dielectric & Post Terminal	N	G	T	
RSA-3279-10	32	Female Panel Mount		4 Hole Flange with .126" Extended Dielectric & Post Terminal	G	G	T	
RSA-3285-03	33	Female Panel Mount		4 Hole Right Angle Flange with Post Terminal	N	G	T	
RSA-3300	34	Female Right Angle PCB Mount			N	G	T	
RSA-3300-1	34	Female Right Angle PCB Mount			G	G	T	
RSA-3300-1-03	35	Female Right Angle Bulkhead PCB Mount			G	G	T	
RSA-3300-NL	35	Female Right Angle Bulkhead PCB Mount			G	G	T	
RSA-3300-NL-03	35	Female Right Angle Bulkhead PCB Mount			G	G	T	
RSA-3350	36	Female Vertical PCB Mount			N	G	T	
RSA-3350-1	36	Female Vertical PCB Mount			G	G	T	
RSA-3350-2-1	37	Female Vertical PCB Mount		Legs .245"	G	G	T	
RSA-3400	38	T-Adapter		SMA Male to Double SMA Female	N	G	T	
RSA-3400-1	38	T-Adapter		SMA Male to Double SMA Female	G	G	T	

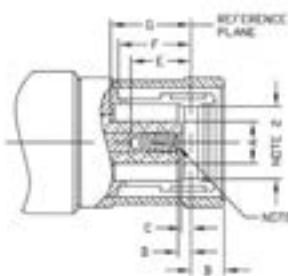
FIG. 39
RSA-3401FIG. 40
RSA-3402, -1FIG. 41
RSA-3403, -1FIG. 42
RSA-3404FIG. 43
RSA-3405, -1FIG. 44
RSA-3410, -1FIG. 45
RSA-3500-085, -1-085,
RSA-3505-085-03FIG. 46
RSA-3500-141, -1-141, -141-03FIG. 47
RSA-3510-085, -1-085FIG. 48
RSA-3510-141, -1-141FIG. 49
RSA-3550-085, -1-085FIG. 50
RSA-3555-1-047, -1SR1,
-1SR2, -SR1, -SR2FIG. 51
RSA-3560-141, -1-047, -1-1SR1FIG. 52
RSA-3565-SR2FIG. 53
RSA-3570-085, -1-047

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

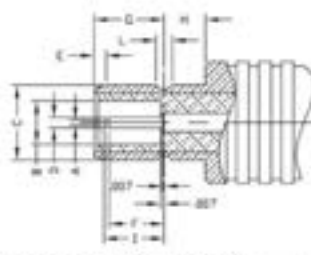
PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RSA-3401	39	T-Adapter		SMA Triple Female	N	G	T	
RSA-3402	40	Right Angle Adapter		SMA Male to SMA Female	N	G	T	
RSA-3402-1	40	Right Angle Adapter		SMA Male to SMA Female	G	G	T	
RSA-3403	41	Adapter		SMA Male to SMA Male	N	G	T	
RSA-3403-1	41	Adapter		SMA Male to SMA Male	G	G	T	
RSA-3404	42	Adapter		SMA Female to SMA Female	N	G	T	
RSA-3405	43	Adapter		SMA Male to SMA Female	N	G	T	
RSA-3405-1	43	Adapter		SMA Male to SMA Female	G	G	T	
RSA-3410	44	Bulkhead Adapter		SMA Female to SMA Female with D-Flt	N	G	T	
RSA-3410-1	44	Bulkhead Adapter		SMA Female to SMA Female with D-Flt	G	G	T	
RSA-3500-085	45	Male	SR1	for .085 Semi-Rigid Cable	N	G	T	
RSA-3500-1-085	45	Male	SR1	for .085 Semi-Rigid Cable	G	G	T	
RSA-3500-141	46	Male	SR2	for .141 Semi-Rigid Cable	N	G	T	
RSA-3500-1-141	46	Male	SR2	for .141 Semi-Rigid Cable	G	G	T	
RSA-3500-141-03	46	Male	SR2	for .141 Semi-Rigid Cable	SS	G	T	
RSA-3505-085-03	45	Male	SR1	for .085 Semi-Rigid Cable, thick wall	SS	G	T	
RSA-3510-085	47	Male Right Angle	SR1	for .085 Semi-Rigid Cable	N	G	T	
RSA-3510-1-085	47	Male Right Angle	SR1	for .085 Semi-Rigid Cable	G	G	T	
RSA-3510-141	48	Male Right Angle	SR2	for .141 Semi-Rigid Cable	N	G	T	
RSA-3510-1-141	48	Male Right Angle	SR2	for .141 Semi-Rigid Cable	G	G	T	
RSA-3550-085	49	Female Panel Mount	SR1	2 Hole Flange for .085 Semi-Rigid Cable	N	G	T	
RSA-3550-1-085	49	Female Panel Mount	SR1	2 Hole Flange for .085 Semi-Rigid Cable	G	G	T	
RSA-3555-1-047	50	Female	SR0	for .047 Semi-Rigid Cable	G	G	T	
RSA-3555-1SR1	50	Female	SR1	for .085 Semi-Rigid Cable	G	G	T	
RSA-3555-1SR2	50	Female	SR2	for .141 Semi-Rigid Cable	G	G	T	
RSA-3555-SR1	50	Female	SR1	for .085 Semi-Rigid Cable	N	G	T	
RSA-3555-SR2	50	Female	SR2	for .141 Semi-Rigid Cable	N	G	T	
RSA-3560-1-047	51	Female Bulkhead	SR0	for .047 Semi-Rigid Cable	G	G	T	
RSA-3560-1-SR1	51	Female Bulkhead	SR1	Rear Mount, for .085 Semi-Rigid Cable	G	G	T	
RSA-3560-141	51	Female Bulkhead	SR2	Rear Mount, for .141 Semi-Rigid Cable	N	G	T	
RSA-3565-SR2	52	Male	SR2	for .141 Semi-Rigid Cable	SS/G	—	—	
RSA-3570-085	53	Female Panel Mount	SR1	4 Hole Flange for .085 Semi Rigid Cable	N	G	T	
RSA-3570-1-047	53	Female Panel Mount	SR0	4 Hole Flange for .047 Semi Rigid Cable	G	G	T	

PLUG



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.679 (17.25)	.681 (17.28)
B	—	.064 (1.62)
C	.007 (0.18)	—
D	.007 (0.18)	.037 (0.94)
E	.017 (0.43)	—
F	.341 (8.68)	—
G	.341 (8.68)	—

JACK



LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	—	.010 (0.25)
B	.082 (2.08)	.085 (2.16)
C	.144 (3.66)	.146 (3.71)
D	.019 (0.48)	.021 (0.53)
E	.009	—
F	.002 (0.05)	—
G	.121 (3.07)	.141 (3.58)
H	.090 (2.30)	—
I	—	.037 (0.94)
J	—	.007 (0.18)
K	—	.007 (0.18)
L	.007 (0.18)	.037 (0.94)

NOTE 1: 1.5 TO MEET VIEW AND CONTACT RESISTANCE WHEN MATED WITH 50V/0.015A PIN
NOTE 2: MUST MEET THE FORCE TO ENGAGE AND DISENGAGE WHEN MATED WITH MATING PART

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS — FLEX CABLE
IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 250 VRMS (RG-178)
335 VRMS (RG-316)
FREQUENCY RANGE: 0-4 GHz

MECHANICAL SPECIFICATIONS
MATING: SNAP ON COUPLING
INTERFACE: MIL-STD-348
CABLING: CLAMP, CRIMP, SOLDER

PLATING
N - NICKEL
G - GOLD

DIELECTRIC MATERIAL
T - PTFE

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
B	Times LMR-100A: RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100
B1	RG-316/U DOUBLE SHIELD; RG-316; BELDEN 83269; COLEMAN 1596

FOR A MORE EXTENSIVE LIST OF CABLE GROUPS



FIG. 1
R58-4000-18,
-181, -81, -8-03,



FIG. 2
R58-4010-18, -181,
-8, -81

PHOTOS FOR REFERENCE ONLY, SHOWN AT 150% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BOY	P/C	DIE	
R58-4000-18	1	Crimp Plug	B	for RG-174/U	G	G	T	RFA-4009-204
R58-4000-181	1	Crimp Plug	B1	for RG-316/U Double Shield	G	G	T	RFA-4009-204
R58-4000-8-03	1	Crimp Plug	B	for RG-174/U, Standard Grip	N	G	T	RFA-4009-204
R58-4000-81	1	Crimp Plug	B1	for RG-316/U Double Shield, Contour Grip	N	G	T	RFA-4009-204
R58-4010-18	2	Right Angle Crimp Plug	B	for RG-174/U	G	G	T	RFA-4009-204
R58-4010-181	2	Right Angle Crimp Plug	B1	for RG-316/U Double Shield	G	G	T	RFA-4009-204
R58-4010-8	2	Right Angle Crimp Plug	B	for RG-174/U	N	G	T	RFA-4009-204
R58-4010-81	2	Right Angle Crimp Plug	B1	for RG-316/U Double Shield	N	G	T	RFA-4009-204

SMB 50 OHM



FIG. 3
RSB-4050-18, -181, -8, -81



FIG. 4
RSB-4055-18, -181



FIG. 5
RSB-4100-8



FIG. 6
RSB-4252-18, -181, -8, -81



FIG. 7
RSB-4300, -1



FIG. 8
RSB-4301-1



FIG. 9
RSB-4350, -1



FIG. 10
RSB-4350-1-75



FIG. 11
RSB-4400-1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 150% ACTUAL SIZE

FOR MOUNTING CONFIGURATION

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RSB-4050-18	3	Crimp Jack	8	for RG-174/U	G	G	T	RFA-4009-204
RSB-4050-181	3	Crimp Jack	81	for RG-316/U Double Shield	G	G	T	RFA-4009-204
RSB-4050-8	3	Crimp Jack	8	FOR RG-174/U	N	G	T	RFA-4009-204
RSB-4050-81	3	Crimp Jack	81	for RG-316/U Double Shield	N	G	T	RFA-4009-204
RSB-4055-18	4	Right Angle Crimp Jack	8	for RG-174/U	G	G	T	RFA-4009-204
RSB-4055-181	4	Right Angle Crimp Jack	81	for RG-316/U Double Shield	G	G	T	RFA-4009-204
RSB-4100-8	5	Clamp Plug	8	for RG-174/U	N	G	T	RFA-4009-204
RSB-4252-8	6	Bulkhead Crimp Jack	8	for RG-174/U	N	G	T	RFA-4009-204
RSB-4252-18	6	Bulkhead Crimp Jack	8	for RG-174/U	G	G	T	RFA-4009-204
RSB-4252-181	6	Bulkhead Crimp Jack	81	for RG-316/U Double Shield	G	G	T	RFA-4009-204
RSB-4252-81	6	Bulkhead Crimp Jack	81	for RG-316/U Double Shield	N	G	T	RFA-4009-204
RSB-4300	7	Right Angle Jack PCB Mount		4 Leg	N	G	T	
RSB-4300-1	7	Right Angle Jack PCB Mount		4 Leg	G	G	T	
RSB-4301-1	8	Right Angle Jack Bulkhead PCB Mount		4 Leg	G	G	T	
RSB-4350	9	Vertical Jack PCB Mount		4 Leg	N	G	T	
RSB-4350-1	9	Vertical Jack PCB Mount		4 Leg	G	G	T	
RSB-4350-1-75	10	Vertical Jack PCB Mount		4 Leg	G	G	T	
RSB-4400-1	11	Right Angle Plug PCB Mount		4 Leg	G	G	T	

SMZ 75 Ohm (TYPE 43)

SMZ - 75 Ohm

CONNECTORS

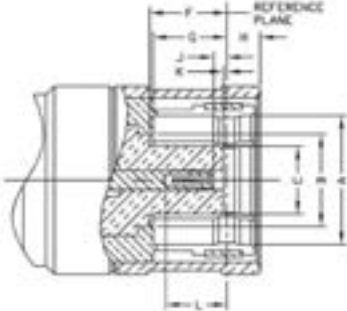
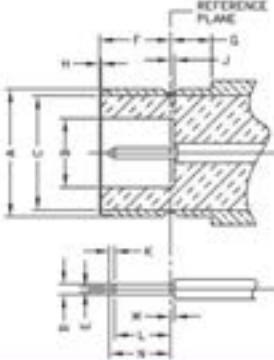
ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE

PLUG		JACK	
			
LETTER	INCHES (MILLIMETERS)	LETTER	INCHES (MILLIMETERS)
A	246 (6.25)	A	244 (6.20)
B	220 (5.59)	B	130 (3.30)
C	—	C	220 (5.59)
F	341 (8.68)	D	519 (13.18)
G	341 (8.68)	E	—
H	—	F	131 (3.33)
J	207 (5.26)	G	279 (7.09)
K	207 (5.26)	H	000
L	317 (8.07)	J	—
		K	219 (5.56)
		L	252 (6.40)
		M	—
		N	—
			317 (8.07)

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 75 Ω
 WORKING VOLTAGE RATING: 500 VRMS @ SEA LEVEL
 (DEPENDENT ON CABLE)
 FREQUENCY RANGE: 0-3 GHz

MECHANICAL SPECIFICATIONS

MATING: SNAP ON COUPLING, POSH-LOCK
 INTERFACE: MIL-STD-348
 CABLEING: CRIMP FOR RG-179/U ONLY

PLATING

G - GOLD
 N - NICKEL

DIELECTRIC MATERIAL

T - PTFE



FIG. 1
R58-300-1-179



FIG. 2
R58-301-179



FIG. 3
R58-310-1-179



FIG. 4
R58-350-1



FIG. 5
R58-355-1

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	NOTES AND CABLE GROUPS	PLATING			RECOMMENDED TOOL
				BOY	P/C	DIE	
R58-300-1-179	1	Crimp Plug	for RG-179/U Only	G	G	T	REA-4009-204
R58-301-179	2	Crimp Plug	with POSH-LOCK Shell, for RG-179/U Only	N	G	T	REA-4009-204
R58-310-1-179	3	Right Angle Crimp Plug	for RG-179/U Only	G	G	T	REA-4009-204
R58-350-1	4	Vertical PCB Mount Jack		G	G	T	
R58-355-1	5	Right Angle PCB Mount Jack		G	G	T	

MINI-SMB 75 Ohm

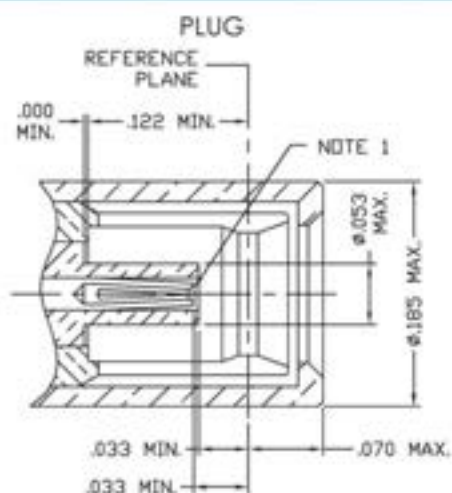
<p>PLUG</p>	<p>JACK</p>
<p>SPECIFICATIONS</p>	
<p>ELECTRICAL SPECIFICATIONS IMPEDANCE: 75 Ω WORKING VOLTAGE RATING: 335 VRMS @ SEA LEVEL (DEPENDENT ON CABLE) FREQUENCY RANGE: 0-4 GHz</p>	<p>MECHANICAL SPECIFICATIONS MATING: SNAP LOCK INTERFACE: MIL-STD-348 CABLING: CRIMP, PCB SOLDER</p> <p>PLATING G - GOLD</p> <p>DIELECTRIC MATERIAL T - PTFE</p>



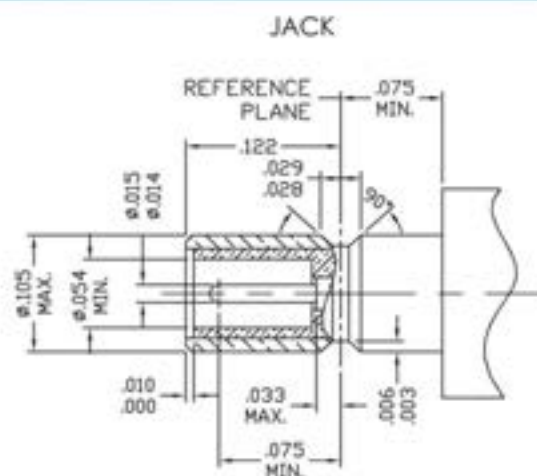
PHOTOS FOR REFERENCE ONLY, SHOWN AT 150% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CABLE GROUPS	PLATING			RECOMMENDED TOOL
				BOY	P/C	DIE	
RSB-200-1-179	1	Crimp Plug	for RG-179/U Only	G	G	T	REA-4009-204
RSB-200-111	1	Crimp Plug	for RG-179/U Double Shield	G	G	T	REA-4009-204
RSB-210-1-179	2	Right Angle Crimp Plug	for RG-179/U Only	G	G	T	REA-4009-204
RSB-210-1-51	2	Right Angle Crimp Plug	for RG-179/U Double Shield	G	G	T	REA-4009-204
RSB-220-1-179	3	Crimp Jack	for RG-179/U Only	G	G	T	REA-4009-204
RSB-221-1-179	4	Bulkhead Crimp Jack	for RG-179/U Only	G	G	T	REA-4009-204
RSB-250-1	5	Vertical Jack PCB Mount		G	G	T	
RSB-255-1	6	Right Angle Jack PCB Mount		G	G	T	
RSB-260-1	7	Vertical Plug PCB Mount		G	G	T	
RSB-265-1	8	Right Angle Plug PCB Mount		G	G	T	



NOTE 1: I.D. TO MEET VSWR AND CONTACT RESISTANCE WHEN MATED WITH .015/.014 DIA. PIN



SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 250 VRMS @ SEA LEVEL
FREQUENCY RANGE: 0-12.4 GHz

MECHANICAL SPECIFICATIONS

MATING: FORCE TO ENGAGE
INTERFACE: MIL-STD-348
CABLING: CRIMP AND SOLDER

PLATING
G - GOLD

DIELECTRIC MATERIAL
T - PTFE

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
1	TMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 8326P, 8328A, 84314; COMMScope AMC-174, WBC-100
1.1	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 8326P, COLEMAN 1556
2	RG-141, 179, 179A, 187, 187A/U; BELDEN 1520A, 1521A, 1522A, 9221; COMMScope 15-55340

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
R58-700-179-1



FIG. 2
R58-710-18



FIG. 3
R58-750-18, -181

PHOTOS FOR REFERENCE ONLY, SHOWN AT 150% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BOY	P/C	DIE	
R58-700-179-1	1	Crimp Plug	2	for RG-179/U	G	G	T	RFA-4009-204
R58-710-18	2	Plug, Right Angle Crimp	1	for RG-316/U	G	G	T	RFA-4009-204
R58-750-18	3	Jack, Right Angle Crimp	1	for RG-316/U	G	G	T	RFA-4009-204
R58-750-181	3	Jack, Right Angle Crimp	1.1	for RG-316/U Double Shield	G	G	T	RFA-4009-204

TNC — 50 OHM

Find Reverse Polarity and Reverse Thread

CONNECTORS

TNC - 50 Ohm

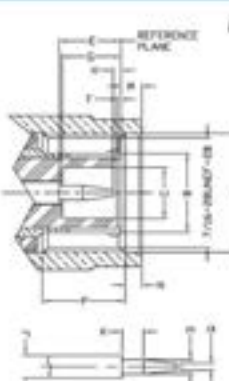
ADAPTERS

TOOLS

KITS

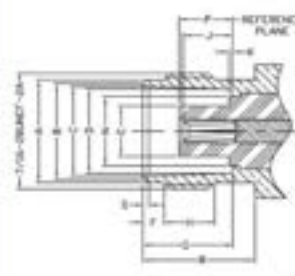
LEGACY

REFERENCE



MALE

LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.440 (11.18)	—
B	FLARED TO MEET ELECTRICAL & MECHANICAL REQUIREMENTS	
C	.190 (4.83)	—
D	.052 (1.32)	.054 (1.37)
E	.210 (5.33)	.230 (5.84)
F	.006 (0.15)	.008 (0.20)
G	.208 (5.28)	.228 (5.79)
H	.003 (0.08)	.040 (1.02)
J	.081 (2.06)	.087 (2.21)
K	.078 (1.99)	—
M	—	.078 (1.99)
N	.063 (1.60)	—
P	.156 (3.96)	—
Q	—	.005 (0.13)



FEMALE

LETTER	INCHES (MILLIMETERS)	
	MINIMUM	MAXIMUM
A	.378 (9.60)	.382 (9.70)
B	.248 (6.29)	.256 (6.46)
C	.307 (7.80)	.333 (8.46)
D	.319 (8.10)	.321 (8.15)
E	—	.386 (9.78)
F	.068 (1.73)	.088 (2.24)
G	.327 (8.30)	.335 (8.51)
H	.187 (4.75)	—
J	.189 (4.78)	.206 (5.23)
K	—	.006 (0.15)
L	.195 (4.93)	—
M	.081 (2.06)	.087 (2.21)
N	—	.256 (6.50)
P	.189 (4.78)	.208 (5.28)
R	.414 (10.52)	—
S	.015 (0.38)	.030 (0.76)

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

IMPEDANCE: 50 Ω
WORKING VOLTAGE RATING: 500 VRMS
FREQUENCY RANGE: 0-7 GHz & 11 GHz

MECHANICAL SPECIFICATIONS

MATING: 7-16-28 THREADED COUPLING
INTERFACE: MIL-STD-348, SECTION 313
CABLING: CLAMP, SOLDER, CRIMP AND TWIST-ON

PLATING

C - BLACK CHROME
G - GOLD
N - NICKEL
S - SILVER
TP - THERMOPLASTIC

DIELECTRIC MATERIAL

D - DELRIN
PP - POLYPROPYLENE
T - PTFE

CABLE GROUPS

GRP	FOR THESE CABLE TYPES
B	TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100
BL	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1596
C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
C2	TIMES LMR-200, MS-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58LL, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
I	TIMES AA-5886, AA-6146, LMR-400, LMR-400 ULTRAFLEX; ANDREW CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; BELDEN 7810A, 8214, 9913; COMMSCOPE TCOM-400, TCOM-400-FR, TCOM-400-PUR, WBC-400, WBC-400R, CUSHCRAFT ULTRALINK TLP3605; HARBOUR HPF400
M	TIMES MS-15; RG-122/U; BELDEN 82907, 88240, 89907; MOTOROLA WHITE PTFE
E	TIMES AA-3096; ANTENNA SPECIALIST K214, PRO-FLEX 800
X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SXTON 8315

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FIG. 1
RFT-1200, -C2,
RFT-1201-1P, -1X



FIG. 2
RFT-1201-SI



FIG. 3
RFT-1202-2, -2T,
-21C1, -C1, -C2, -C2T



FIG. 4
RFT-1202-28



Strain reliefs for RG-58/U — available separately
PT-4015-03-BK (black), PT-4015-03-BL (blue)



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FIG. 5
RFT-1202-5



FIG. 6
RFT-1202-3, -381



FIG. 7
RFT-1202-7, -7T



FIG. 8
RFT-1202-4



FIG. 9
RFT-1203-1P, -1X



FIG. 10
RFT-1204



FIG. 11
RFT-1206



FIG. 12
RFT-1208

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	replaces or equivalent to	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFT-1200	1	Male Clamp	C, C1	for RG-58/U & RG-142/U	MS39012/26-0101	N	G	T	EFA-4009-206
RFT-1200-C2	1	Male Clamp	C2	for Times LMR-200		N	G	T	EFA-4009-206
RFT-1201-1P	1	Male Clamp	P	for Proflex	MS39012/26-0102	N	G	T	EFA-4009-203
RFT-1201-1X	1	Male Clamp	X	for RG-8/X & Times LMR-240		N	G	T	EFA-4009-203
RFT-1201-51	2	Male Clamp	I	for Belden 9913 & Times LMR-400		S	G	T	EFA-4009-300
RFT-1202-2	3	Male Clamp	C	for RG-58/U	MS39012/26-0011	N	G	D	EFA-4009-206
RFT-1202-28	4	Male Clamp	C	for RG-58/U, Black	MS39012/26-0011	C	G	D	EFA-4009-206
RFT-1202-2T	3	Male Clamp	C	for RG-58/U	MS39012/26-0011	N	G	T	EFA-4009-206
RFT-1202-2T(C1)	3	Male Clamp	C1	for RG-142/U	MS39012/26-0011	N	G	T	EFA-4009-206
RFT-1202-3	6	Male Clamp	B	for RG-174/U		N	G	T	EFA-4009-204
RFT-1202-381	6	Male Clamp	B1	for RG-316/U Double Shield		N	G	T	EFA-4009-204
RFT-1202-5	5	Male Clamp	C	Quick Disconnect, for RG-58/U		N	G	D	EFA-4009-206
RFT-1202-7	7	Male Clamp	C3, M	for Motorola White PTFE or Belden 89907		N	G	D	EFA-4009-206
RFT-1202-7T	7	Male Clamp	C3, M	for Motorola White PTFE or Belden 89907		N	G	T	EFA-4009-206
RFT-1202-C1	3	Male Clamp	C1	for RG-142/U		N	G	D	EFA-4009-206
RFT-1202-C2	3	Male Clamp	C2	for Times LMR-200		N	G	D	EFA-4009-206
RFT-1202-C2T	3	Male Clamp	C2	for Times LMR-200		N	G	T	EFA-4009-206
RFT-1202-4	8	Male Clamp	I	for Belden 9913 & Times LMR-400		N	G	T	EFA-4009-206
RFT-1203-1P	9	Male Clamp	P	for Proflex		N	G	D	EFA-4009-203
RFT-1203-1X	9	Male Clamp	X	for RG-8/X & Times LMR-240		N	G	D	EFA-4009-203
RFT-1204	10	Male Solderless	C	for RG-58/U		N	S	D	EFA-4009-206
RFT-1206	11	Male Twist-On	C	for RG-58/U	Amphenol 221983-7	N	S	D	
RFT-1208	12	Female Right Angle PCB Mount		with Triple D-Flat, Diecast Zinc		N	G	PF	

TNC — 50 OHM

CONNECTORS

TNC - 50 Ohm

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 13
RFT-1209-1B



FIG. 14
RFT-1209-8



FIG. 15
RFT-1209-W,W-05



FIG. 16
RFT-1210, -15



FIG. 17
RFT-1210-03



FIG. 18
RFT-1211-1, -1-03



FIG. 19
RFT-1212, -C1, -C2,
RFT-1213-P, -X



FIG. 20
RFT-1212-B, -B1

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	replaces or equivalent to	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFT-1209-1B	13	Female Vertical Low Profile PCB Mount		with D-Flat & Post Legs, Black, with Hardware		TP	G	PP	
RFT-1209-8	14	Female Right Angle Low Profile PCB Mount		with D-Flat & Post Legs, Black		TP	G	PP	
RFT-1209-W	15	Female Right Angle Low Profile PCB Mount		with D-Flat & Post Legs, White		TP	G	PP	
RFT-1209-W-05	15	Female Right Angle Low Profile PCB Mount		with D-Flat & Snap Legs, White, No Hardware		TP	G	PP	
RFT-1210	16	Female Chassis		4 Hole Flange Mount with solder cup	MS39012/32-0001	N	G	I	
RFT-1210-03	17	Female Chassis		2 Hole Flange Mount with solder cup		N	G	I	
RFT-1210-15	16	Female Chassis		4 Hole Flange Mount with solder cup, BeCu Contact and 3-56 UNF Tapped Holes		N	G	I	
RFT-1211-1	18	Female Bulkhead		Front Mount with D-Flat and solder cup	MS39012/31-0001	N	G	I	
RFT-1211-1-03	18	Female Bulkhead		Front Mount with D-Flat & Beryllium Copper Contact	MS39012/31-0001	N	G	I	
RFT-1212	19	Female Crimp Bulkhead	C	Rear Mount with D-Flat & O-Ring, for RG-58/U	MS39012/23329/4-14	N	G	D	RFA-4005-204
RFT-1212-B	20	Female Crimp Bulkhead	B	Rear Mount with D-Flat & O-Ring, for RG-174/U		N	G	D	RFA-4005-204
RFT-1212-B1	20	Female Crimp Bulkhead	B1	Rear Mount with D-Flat & O-Ring, for RG-316/U Double Shield		N	G	D	RFA-4005-204
RFT-1212-C1	19	Female Crimp Bulkhead	C1	Rear Mount with D-Flat & O-Ring, for RG-142		N	G	D	RFA-4005-204
RFT-1212-C2	19	Female Crimp Bulkhead	C2	Rear Mount with D-Flat & O-Ring, for Times LMR-200		N	G	D	RFA-4005-204
RFT-1213-P	19	Female Crimp Bulkhead	P	Rear Mount with D-Flat & O-Ring, for Proflex		N	S	D	RFA-4005-203
RFT-1213-X	19	Female Crimp Bulkhead	X	Rear Mount with D-Flat & O-Ring, for RG-8/X & Times LMR-240		N	G	D	RFA-4005-203



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50

Revised 7-07-2013

TNC — 50 OHM

TNC - 50 Ohm

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 21
RFT-1214-I



FIG. 22
RFT-1216-I, -C1, -C2, -L
RFT-1217-P, -X



FIG. 23
RFT-1218, -C1, -C2



FIG. 24
RFT-1218-X



FIG. 25
RFT-1224



FIG. 26
RFT-1225



FIG. 27
RFT-1226



FIG. 28
RFT-1227



FIG. 29
RFT-1228



FIG. 30
RFT-1229



FIG. 31
RFT-1242

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	replaces or equivalent to	PLATING			RECOMMENDED TOOL
						BOY	P/C	DIE	
RFT-1216-I	21	Female Crimp	I	for Belden 9913 & Times LMR-400		N	G	T	EFA-4009-203
RFT-1216-I	22	Female Crimp	C	for RG-58/U	MS39012/27-0504	N	G	T	EFA-4009-203
RFT-1216-C1	22	Female Crimp	C1	for RG-142/U		N	G	T	EFA-4009-203
RFT-1216-C2	22	Female Crimp	C2	for Times LMR-200		N	G	T	EFA-4009-203
RFT-1216-I	22	Female Crimp	I	for Belden 9913 & Times LMR-400		N	G	T	EFA-4009-203
RFT-1217-P	22	Female Crimp	P	for Proflex		N	G	D	EFA-4009-203
RFT-1217-X	22	Female Crimp	X	for RG-8/X & Times LMR-240		N	G	D	EFA-4009-203
RFT-1218	23	Male Right Angle Crimp	C	for RG-58/U	MS39012/30-0504	N	G	T	EFA-4009-203
RFT-1218-C1	23	Male Right Angle Crimp	C1	for RG-142/U		N	G	T	EFA-4009-203
RFT-1218-C2	23	Male Right Angle Crimp	C2	for Times LMR-200		N	G	T	EFA-4009-203
RFT-1218-X	24	Male Right Angle Crimp	X	for RG-8/X & Times LMR-240		N	G	T	EFA-4009-203
RFT-1224	25	Bare Adapter		TNC Male to TNC Male		N	G	T	
RFT-1225	26	Bare Adapter		TNC Female to TNC Female	Amphenol 221325-1, Amphenol 31-4791 MS39012/33-00001	N	G	T	
RFT-1226	27	Bulkhead Adapter		TNC Female to TNC Female with O-Ring	Amphenol 221500-1 MS39012/34-00001	N	G	T	
RFT-1227	28	Right Angle Adapter		TNC Female to TNC Male	MS39012/32-00001	N	G	T	
RFT-1228	29	T-Adapter		TNC Male to TNC Double Female	MS39012/35-00001	N	G	T	
RFT-1229	30	T-Adapter		TNC Triple Female		N	G	T	
RFT-1242	31	Adapter		TNC Male (Quick Disconnect) to TNC Female		N	G	T	



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TNC — 75 Ohm

<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <h3>MALE</h3> </div></div>	
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FIG. 1
RFT-1801



FIG. 2
RFT-1803-1, -R



FIG. 3
RFT-1805



FIG. 4
RFT-1813

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING			RECOMMENDED TOOL
						BDY	P/C	DIE	
RFT-1801	1	Male Crimp	D	for RG-59/U		N	S	T	
RFT-1803-1	2	Male Crimp	D	for RG-59/U	MS39012/26-0012	N	G	D	RFA-4008-203
RFT-1803-R	2	Male Crimp	E	for RG-11/U		N	G	T	RFA-4005
RFT-1805	3	Male Solderless Crimp	D	for RG-59/U	Amphenol 31-5061	N	S	D	
RFT-1813	4	Female Crimp Bulkhead	D	Rear Mount with D Flat & O-Ring, for RG-59/U	MS39012/28-0012	N	G	D	RFA-4009-203

SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS IMPEDANCE: NON-CONSTANT WORKING VOLTAGE RATING: 300 VRMS FREQUENCY RANGE: 0-300 MHz		FOR THESE CABLE TYPES	
MECHANICAL SPECIFICATIONS MATING: 5/8 - 24 THREADED COUPLING INTERFACE: IEC-169-12 CABLEING: CLAMP, CRIMP AND PUSH-ON		GRP	
PLATING G - GOLD N - NICKEL S - SILVER TP - THERMOPLASTICS		FOR THESE CABLE TYPES	
DIELECTRIC MATERIAL B - BAKELITE, DAP D - DELRIN T - PTFE		FOR THESE CABLE TYPES	
		FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS	



FIG. 1
RFU-500, -C, -D,
-501, -C, -D



FIG. 2
RFU-503

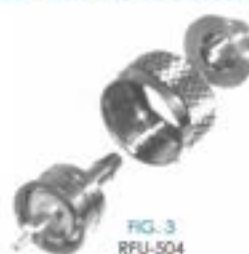


FIG. 3
RFU-504



FIG. 4
RFU-505, -C1, -ST, -STC1,
RFU-506, RFU-508-P, -X



FIG. 5
RFU-507, -PL, -S, -SL,
-ST, -STF, -STF1



FIG. 6
RFU-520, -1E, -C2, -I



FIG. 7
RFU-521, -ST



FIG. 8
RFU-522



FIG. 9
RFU-523, -1, -T



FIG. 10
RFU-524

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS



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Revised 7-07-2013

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING				RECOMMENDED TOOL
						SHL	BDY	P/C	DIE	
RFU-500	1	Male Solder	C, C1, C2, D, E, F, F, X	for Cable Group C, C1, & C2 use Reducer RFU-530 for Cable Group D, F, & X, use RFU-531	PL-259	N	S	S	B	
RFU-500-C	1	Male Solder	C, C1, C2	for RG-58/U, RG-142/U & Times LMR-200	PL-259/6	N	S	S	B	
RFU-500-D	1	Male Solder	D, F, X	for RG-59/U, Proflex, RG-8/X & LMR-240		N	S	S	B	
RFU-501	1	Male Solder	C, C1, C2, D, E, F, F, X	for Cable Group C, C1, & C2 use Reducer RFU-530-S for Cable Group D, F, & X, use RFU-531-S	PL-259	S	S	S	T	
RFU-501-C	1	Male Solder	C, C1, C2	for RG-58/U, RG-142/U & Times LMR-200		S	S	S	T	
RFU-501-D	1	Male Solder	D, F, X	for RG-59/U, Proflex, RG-8/X & LMR-240		S	S	S	T	
RFU-503	2	Male Clamp	E, F, I	Waterproof with Silicon Rubber O-Rings / Seals	PL-259	N	N	S	T	
RFU-504	3	Male Push-On Female	C	for RG-58/U, No Installation Tools Required	PL-259	N	N	S	B	RFA-4009-204
RFU-505	4	Male Crimp	C, C2	for RG-58/U & Times LMR-200	Amphenol 1-226208-3	N	N	S	B	RFA-4009-204
RFU-505-C1	4	Male Crimp	C1	for RG-142/U		N	N	S	B	RFA-4009-204
RFU-505-ST	4	Male Crimp	C, C2	for RG-58/U & Times LMR-200		S	S	S	T	RFA-4009-204
RFU-505-STC1	4	Male Crimp	C1	for RG-142/U		S	S	S	T	RFA-4009-204
RFU-506	4	Male Crimp	D	for RG-59/U	Amphenol 1-226208-4	N	N	S	B	RFA-4009-203
RFU-507	5	Male Crimp	E	for RG-8/U		N	N	S	B	RFA-4009-205
RFU-507-PL	5	Male Crimp	PL	for Belden 89913 Plenum		S	S	S	T	RFA-4009-300
RFU-507-S	5	Male Crimp	E	for RG-8/U		S	S	S	B	RFA-4009-205
RFU-507-S1	5	Male Crimp	I	for Belden 9913 & Times LMR-400		S	S	S	T	RFA-4009-300
RFU-507-ST	5	Male Crimp	E	for RG-8/U		S	S	S	T	RFA-4009-205
RFU-507-STF	5	Male Crimp	F	for RG-214/U		S	S	S	T	RFA-4009-205
RFU-507-STF1	5	Male Crimp	F	for RG-214/U		S	S	S	T	RFA-4009-205
RFU-508-P	4	Male Crimp	F	for Proflex		N	N	S	B	RFA-4009-203
RFU-508-X	4	Male Crimp	X	for RG-8X & Times LMR-240		N	N	S	B	RFA-4009-203
RFU-520	6	Female Clamp	C, C1	for RG-58/U & RG-142/U		-	N	S	T	
RFU-520-1E	6	Female Clamp	E, F	for RG-8/U & RG-214/U		-	N	S	T	
RFU-520-C2	6	Female Clamp	C2	for Times LMR-200		-	N	S	T	
RFU-520-I	6	Female Clamp	I	for Belden 9913 & Times LMR-400		-	N	S	T	
RFU-521	7	Female Panel Mount		4 Hole Flange, Diecast Zinc	SO-239	-	N	S	B	
RFU-521-ST	7	Female Panel Mount		4 Hole Flange, Diecast Zinc	SO-239	-	S	G	T	
RFU-522	8	Female Panel Mount		2 Hole Flange, Diecast Zinc	SO-239-2H	-	N	S	B	
RFU-523	9	Female Bulkhead		Front Mount, with D-Flat, Diecast Zinc	SO-239-FM, SO-239-SH	-	N	S	B	
RFU-523-I	9	Female Bulkhead		Front Mount, .5" Diameter with D-Flat & No Solder Lug	SO-239-FM	-	N	G	T	
RFU-523-I	9	Female Bulkhead		Front Mount, with D-Flat	SO-239-FM	-	N	S	T	
RFU-524	10	Female Bulkhead		Rear Mount, with D-Flat	SO-239-RM	-	N	S	B	

 See photos on previous page



FIG. 11
RFU-527, -T, TC1



FIG. 12
RFU-530, -S,
-531, -I, -5



FIG. 13
RFU-532



FIG. 14
RFU-533



FIG. 15
RFU-534



FIG. 16
RFU-536



FIG. 17
RFU-537, -SQ



FIG. 18
RFU-538



FIG. 19
RFU-545



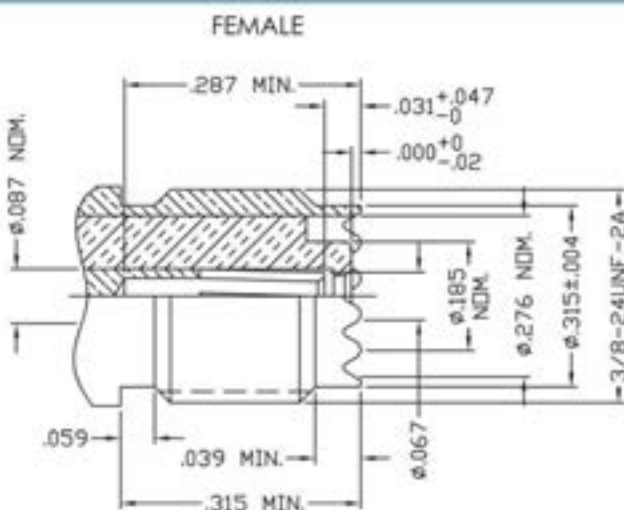
FIG. 20
RFU-551

PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	REPLACES OR EQUIVALENT TO	PLATING				RECOMMENDED TOOL
						SHL	BOY	P/C	DIE	
RFU-527	11	Female Crimp	C	for RG-58/U		-	N	S	D	RFA-4009-206
RFU-527-T	11	Female Crimp	C	for RG-58/U		-	N	S	T	RFA-4009-206
RFU-527-TC1	11	Female Crimp	C1	for RG-142/U		-	N	S	T	RFA-4009-206
RFU-530	12	Reducer/Adapter	C, C1, C2	Use with RPN-1001-S, RPU-500 & RPU-501	UG-175/U		N			
RFU-530-S	12	Reducer/Adapter	C, C1, C2	Use with RPN-1001-S, RPU-500 & RPU-501	UG-175/U		S			
RFU-531	12	Reducer/Adapter	D, E, X	Use with RPN-1001-S, RPU-500 & RPU-501	UG-176/U		N			
RFU-531-I	12	Reducer/Adapter	D, E, X	Use with RPN-1001-S, RPU-500 & RPU-501	UG-176/U		N			
RFU-531-S	12	Reducer/Adapter	D, E, X	Use with RPN-1001-S, RPU-500 & RPU-501	UG-176/U		S			
RFU-532	13	Right Angle Adapter		UHF Male to UHF Female	UG-646/U		N	S	D	
RFU-533	14	I-Adapter		UHF Double Female to UHF Male	M-358		N	S	D	
RFU-534	15	I-Adapter		UHF Triple Female			N	S	D	
RFU-536	16	Barrel Adapter		UHF Female to UHF Female	PL-258		N	S	B	
RFU-537	17	Bulkhead Adapter		UHF Female to UHF Female, with Hardware	UG-363/U		N	S	D	
RFU-537-SQ	17	Barrel Adapter		UHF Female to UHF Female, No Hardware	UG-363/U		N	S	D	
RFU-538	18	Barrel Adapter		UHF Male to UHF Male			N	S	T	
RFU-545	19	Adapter		UHF Female to BNC Female			N	S	D	
RFU-551	20	Male Dummy Load		30 Watt, 300 MHz		N	TP	S	B	

MINI-UHF



SPECIFICATIONS		CABLE GROUPS	
ELECTRICAL SPECIFICATIONS WORKING VOLTAGE RATING: 335 VRMS IMPEDANCE: 50 Ω [DEPENDENT ON CABLE] FREQUENCY RANGE: 0-2.5 GHz		GRP	FOR THESE CABLE TYPES
MECHANICAL SPECIFICATIONS MATING: 3/8 - 24 THREADED COUPLING CABLING: CRIMP AND SOLDER		B	TIMES LMR-100A: RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8216, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100
		B1	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1596
		C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195B, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
		C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
		D	RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9059, 9062, 9830, 9840, 9845; BELDEN 8221, 8241, 9169, 9204, 9238; CANARE LV-615; COMMSCOPE 5550, 5555, 5560, 5563
PLATING C - BLACK CHROME G - GOLD N - NICKEL S - SILVER		M	TIMES MSI-15; RG-122/U; BELDEN 82907, 88240, 89907; MOTOROLA WHITE PTFE
		E	TIMES AA-3096; ANTENNA SPECIALIST K214, PRO-FLEX 800
		X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMEE 1600; SAXTON 8315
DIELECTRIC MATERIAL B - GAF D - DELRIN PP - POLYPROPYLENE T - PTFE			

FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS



FOR MOUNTING CONFIGURATIONS



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES		PLATING			RECOMMENDED TOOL
						BOY	P/C	DIE	
RFU-600	1	Male Push-On Ferrule	C	No Installation Tools Needed, for RG-58/U	Amphenol 81-0103	N	S	I	RTA-4005-400
RFU-600-1	2	Male Crimp	C	AMP Drawn Metal Type, for RG-58/U		N	G	D	RTA-4005-400
RFU-600-1C1	5	Male Crimp	C1	for RG-142/U		N	G	D	RTA-4005-400
RFU-600-10C	4	Male Right Angle Crimp	C	for RG-58/U		N	G	I	RTA-4009-204
RFU-600-10C-03	4	Male Right Angle Crimp	C	for RG-58/U	Roller Crimp Shell	N	G	I	RTA-4009-204
RFU-600-10C1	4	Male Right Angle Crimp	C1	for RG-142/U		N	G	I	RTA-4009-204
RFU-600-12P	3	Male Crimp	E	for Proflex		N	G	D	RTA-4009-203
RFU-600-1X	5	Male Crimp	X	for RG-8X & Times LMR-240	Amphenol 81-114	N	G	D	RTA-4009-203
RFU-600-2	6	Male Crimp	C	Short, Diecast Zinc, for Omaglass Antennas, Black, for RG-58/U	Amphenol 81-11386-1000	C	G	D	RTA-4009-204
RFU-600-3	5	Male Crimp	B	for RG-174/U		N	G	I	RTA-4009-204
RFU-600-3B1	5	Male Crimp	B1	for RG-316/U Double Shield		N	G	I	RTA-4009-204
RFU-600-5	7	Male Crimp	C	Quick Disconnect for RG-58/U		N	G	D	RTA-4009-204
RFU-600-5C1	7	Male Crimp	C1	for RG-142/U		N	G	D	RTA-4009-204
RFU-600-6	8	Male Crimp	C	for RG-58/U	Amphenol 2266-001, Amphenol 81-115	N	S	D	RTA-4009-204
RFU-600-6C1	8	Male Crimp	C1	for RG-142/U		N	S	D	RTA-4009-204
RFU-600-7	9	Male Crimp	C3, M	for Motorola White PTFE & Belden 89907		N	G	I	RTA-4009-204
RFU-601-1	10	Female Crimp	C	for RG-58/U	Amphenol 2266-02-1, Amphenol 81-114	N	S	D	RTA-4009-204
RFU-601-1P	10	Female Crimp	E	for Proflex		N	S	D	RTA-4009-203
RFU-601-1X	10	Female Crimp	X	for RG-8X & Times LMR-240	Amphenol 81-117	N	S	I	RTA-4009-203
RFU-601-3	10	Female Crimp	B	for RG-174/U		N	G	I	RTA-4009-204
RFU-601-4	11	Female Crimp	X	for RG-8X & Times LMR-240		N	G	D	RTA-4009-203
RFU-601-5	10	Female Crimp	D	for RG-59/U		N	G	D	RTA-4009-203
RFU-601-81	10	Female Crimp	B1	for RG-316/U Double Shield		N	G	I	RTA-4009-204
RFU-601-C1	10	Female Crimp	C1	for RG-142/U		N	S	D	RTA-4009-204
RFU-602	12	Female Bulkhead		Front Mount with D-Flat		N	G	I	
RFU-602-1	13	Female Bulkhead		Rear Mount, with .5" Threaded Length & D-Flat		N	S	I	
RFU-602-1SPL	14	Female Bulkhead		Rear Mount, with .92" Threaded Length & Double D-Flat		N	S	I	
RFU-602-2	15	Female Bulkhead		Rear Mount, with .6" Threaded Length & D-Flat	Amphenol 81-120	N	S	I	

MINI-UHF



FIG. 16
RFU-602-3



FIG. 17
RFU-603, -1



FIG. 18
RFU-603-2



FIG. 19
RFU-606-5



FIG. 20
RFU-617-B, -B1



FIG. 21
RFU-624



FIG. 22
RFU-629



FIG. 23
RFU-630



FIG. 24
RFU-630-1



FIG. 25
RFU-630-6, -7, -8



FIG. 26
RFU-631



FIG. 27
RFU-632



FIG. 28
RFU-643

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES		PLATING			RECOM- MENDED TOOL
						BOY	P/C	DIE	
RFU-602-3	16	Female Bulkhead		Rear Mount, with 1" Threaded Length & Double D-Rat		N	S	T	
RFU-603	17	Female Panel Mount		4 Hole Flange	Amphenol 226601-1, Amphenol 81-118	N	G	T	
RFU-603-1	17	Female Panel Mount		4 Hole Flange, Diecast Zinc		N	S	B	
RFU-603-2	18	Female Panel Mount		2 Hole Flange, Short, Black Body, Diecast Zinc		C	G	D	
RFU-606-5	19	Female Right Angle PCB				T	T	P	
RFU-617-B	20	Female Crimp Bulkhead	B	Rear Mount for RG-174/U	Amphenol 228903-4	N	G	D	RFA-4008-204
RFU-617-B1	20	Female Crimp Bulkhead	B1	for RG-316/U Double Shield		N	G	D	RFA-4009-204
RFU-624	21	Adapter		Mini UHF male to Mini UHF Male		N	G	T	
RFU-629	22	Barrel Adapter		Mini UHF Female to Mini UHF Female	Motorola 5580367830	N	G	T	
RFU-630	23	Right Angle Adapter		Mini UHF Male to Mini UHF Female, Mitered		N	G	T	
RFU-630-1	24	Right Angle Adapter		Mini UHF Male to 2.5" Ext. Mini UHF Female, Black Body	Amphenol 81-121	C	G	T	
RFU-630-6	25	Right Angle Adapter		Mini UHF Male to Mini UHF Female, with Square Body	Motorola 58C83488802	N	G	T	
RFU-630-7	25	Right Angle Adapter		Mini UHF Male to Mini UHF Female, with Square Body		N	T	T	
RFU-630-8	25	Right Angle Adapter		Mini UHF Male to Mini UHF Female, with Square Body	Motorola 58C80643801	N	T	T	
RFU-631	26	T-Adapter		Mini UHF Male to Mini UHF Double Female		N	S	T	
RFU-632	27	T-Adapter		Mini UHF Triple Female		N	S	T	
RFU-643	28	Adapter		Mini UHF Male Quick Disconnect to Mini UHF Female		N	G	T	

WIFI AND BROADBAND (FCC Part 15 Unique Connectors)

WIFI

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE

SPECIFICATIONS	CABLE GROUPS	
<p>Refer to individual standard interfaces or contact manufacturer</p> <p>PLATING G - GOLD N - NICKEL S - SILVER SS - STAINLESS STEEL</p> <p>DIELECTRIC MATERIAL D - DELRIN T - PTFE</p>	GRP	FOR THESE CABLE TYPES
	A	RG-178, 178A, 178B, 196, 196A/U; BELDEN 83265
	B	TIMES LMR-100A; RG-174, 188, 188A, 316/U; ALPHA 9174, 9316; BELDEN 7805A, 8214, 83269, 83284, 84316; COMMSCOPE AMC-174, WBC-100
	B1	RG-316/U DOUBLE SHIELD; RD-316; BELDEN 83269; COLEMAN 1596
	C	TIMES LMR-195; RG-58, 58A, 58C, 141, 141A/U; ANDREW CNT-195, CNT-195-DB, CNT-195-FR; BELDEN 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; COMMSCOPE WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; HARBOUR HPF195
	C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; ALPHA 9055, 9055B, 9223; BELDEN 7806A, 83242, 84142
	C2	TIMES LMR-200, MS-22; ALPHA 9848; BELDEN 7807A; COMMSCOPE AMC-58L, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; HARBOUR HPF200
	C3	RG-58/U PLENUM, RG-122/U; ALPHA 9859, 91585; BELDEN 82240, 82907, 88240, 89907
	I	TIMES AA-5886, AA-6146, LMR-400, LMR-400 ULTRAFLEX; ANDREW CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; BELDEN 7810A, 8214, 9913; COMMSCOPE TCOM-400, TCOM-400-FR, TCOM-400-PUR, WBC-400, WBC-400R, CUSHCRAFT ULTRALINK T93605; HARBOUR HPF400
	L6	TIMES LMR-300; ANDREW CNT-300, CNT-300AL, CNT-300-DB, CNT-300-FR; BELDEN 7809; COMMSCOPE TCOM-300, TCOM-300-FR, WBC-300
	S	RG-141, 179, 179A, 187, 187A/U; BELDEN 1520A, 1521A, 1522A, 9221; COMMSCOPE 15-55340
	X	TIMES LMR-240, LMR-240 ULTRAFLEX; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; BELDEN 9258; COMMSCOPE TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; HARBOUR HPF240; MICRO 8/U; REMTE 1600; SAXTON 8315
FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS		



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE UNLESS OTHERWISE INDICATED.

FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOMMENDED TOOL
					BDY	P/C	DIE	
RDM-6310-B	1	Male Crimp Right Angle	B	For AP-600, RF-316/U	N	G	T	RFA-4029-204
RMC-6010-B	2	Male Crimp Right Angle	B	MC Card, RF-316/U	N	G	T	RFA-4029-204
RMC-6010-B1	2	Male Crimp Right Angle	B1	MC Card, RF-316/U	N	G	T	RFA-4029-204
RP-700-179-1	3	SSMB Male Crimp	S	Reverse Polarity [Gender], for RG-179/U	N	G	T	RFA-4029-204
RP-1005-C	4	N Male Crimp	C	Reverse Polarity [Gender], for RG-58/U	N	G	T	RFA-4029-204
RP-1006-3I	5	N Male Crimp	I	Reverse Polarity [Gender], for Belden 9913 & Times LMR-400	N	G	T	RFA-4029-203
RP-1028-I	6	N Female Crimp	I	Reverse Polarity [Gender], for Belden 9913 & Times LMR-400	N	G	T	RFA-4029-203
RP-1106-C	7	BNC Male Crimp	C	Reverse Polarity [Gender], for RG-58/U	N	G	T	RFA-4029-206
RP-1106-C1	7	BNC Male Crimp	C1	Reverse Polarity [Gender], for RG-142/U	N	G	T	RFA-4029-206
RP-1106-C2	7	BNC Male Crimp	C2	Reverse Polarity [Gender], for LMR-200	N	G	T	RFA-4029-206



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WIFI AND BROADBAND (FCC Part 15 Unique Connectors)

CONNECTORS

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REFERENCE



FIG. 8
RP-1116-NG



FIG. 9
RP-1117-BT



FIG. 10
RP-1117-C, -C1



FIG. 11
RP-1202-18,
-181, -C3



FIG. 12
RP-1202-C,
-C1, -C2, -X



FIG. 13
RP-1202-I, -I6



FIG. 14
RP-1210



FIG. 15
RP-1211-1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE UNLESS OTHERWISE INDICATED.

FOR MOUNTING CONFIGURATIONS

PART #	RG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RP-1116-NG	8	BNC Female Bulkhead		Reverse Polarity [Gender], Front Mount w/ D Flat	N	G	T	
RP-1117-BT	9	BNC Female Crimp Bulkhead	B	Reverse Polarity [Gender], for RG-174/U	N	G	T	RFA-4009-204
RP-1117-C	10	BNC Female Crimp Bulkhead	C	Reverse Polarity [Gender], for RG-58/U	N	G	T	RFA-4009-206
RP-1117-C1	10	BNC Female Crimp Bulkhead	C1	Reverse Polarity [Gender], for RG-142/U	N	G	T	RFA-4009-206
RP-1202-18	11	TNC Male Crimp	B	Reverse Polarity [Gender], for RG-174/U	N	G	T	RFA-4009-204
RP-1202-181	11	TNC Male Crimp	B1	Reverse Polarity [Gender], for RG-316/U Double Shield	N	G	T	RFA-4009-204
RP-1202-C	12	TNC Male Crimp	C	Reverse Polarity [Gender], for RG-58/U	N	G	T	RFA-4009-206
RP-1202-C1	12	TNC Male Crimp	C1	Reverse Polarity [Gender], for RG-142/U	N	G	T	RFA-4009-206
RP-1202-C2	12	TNC Male Crimp	C2	Reverse Polarity [Gender], for LMR-200	N	G	T	RFA-4009-206
RP-1202-C3	11	TNC Male Crimp	C3, M	Reverse Polarity [Gender], for Plenum RG-58/U				RFA-4009-206
RP-1202-I	13	TNC Male Crimp	I	Reverse Polarity [Gender], for Belden 9913 & Times LMR-400	N	G	T	RFA-4009-208
RP-1202-I6	13	TNC Male Crimp	I6	Reverse Polarity [Gender], for LMR-300	N	G	T	RFA-4009-308
RP-1202-X	12	TNC Male Crimp	X	Reverse Polarity [Gender], for LMR-240	N	G	T	RFA-4009-203
RP-1210	14	TNC Female Chassis		Reverse Polarity [Gender], 4 Hole Flange Mount	N	G	T	
RP-1211-1	15	TNC Female Bulkhead		Reverse Polarity [Gender], Front Mount w/ D Flat & Solder Cup	N	G	T	



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WIFI AND BROADBAND (FCC Part 15 Unique Connectors)

WIFI

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



FIG. 16
RP-1212-A



FIG. 17
RP-1212-B, -B1



FIG. 18
RP-1212-C, -C1,
-C1-03, -C2



FIG. 19
RP-1212-C3



FIG. 20
RP-1216-C,
-C1, -C2



FIG. 21
RP-1216-C3



FIG. 22
RP-1216-I



FIG. 23
RP-1218

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FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BDY	P/C	DIE	
RP-1212-A	16	TNC Female Bulkhead Crimp	A	Rear Mount, Reverse Polarity (Gender), for RG-178/U	N	G	T	RFA-4009-204
RP-1212-B	17	TNC Female Bulkhead Crimp	B	Rear Mount, Reverse Polarity (Gender), for RG-174/U	N	G	T	RFA-4009-204
RP-1212-B1	17	TNC Female Bulkhead Crimp	B1	Rear Mount, Reverse Polarity (Gender), for RG-316/U Double Shield	N	G	T	RFA-4009-204
RP-1212-C	18	TNC Female Bulkhead Crimp	C	Rear Mount, Reverse Polarity (Gender), for RG-58/U	N	G	T	RFA-4009-206
RP-1212-C1	18	TNC Female Bulkhead Crimp	C1	Rear Mount, Reverse Polarity (Gender), for RG-142/U	N	G	T	RFA-4009-206
RP-1212-C1-03	18	TNC Female Bulkhead Crimp	C1	Rear Mount, Reverse Polarity (Gender), for RG-142/U & RG-400 only	N	G	T	RFA-4009-206
RP-1212-C2	18	TNC Female Bulkhead Crimp	C2	Rear Mount, Reverse Polarity (Gender), for LMR-200	N	G	T	RFA-4009-206
RP-1212-C3	19	TNC Female Bulkhead Crimp	C3, M	Rear Mount, Reverse Polarity (Gender), for Plenum RG-58/U	N	G	T	RFA-4009-206
RP-1216-C	20	TNC Female Crimp	C	Reverse Polarity (Gender), for RG-58/U	N	G	T	RFA-4009-206
RP-1216-C1	20	TNC Female Crimp	C1	Reverse Polarity (Gender), for RG-142/U	N	G	T	RFA-4009-206
RP-1216-C2	20	TNC Female Crimp	C2	Reverse Polarity (Gender), for Times LMR-200	N	G	T	RFA-4009-206
RP-1216-C3	21	TNC Female Crimp	C3, M	Reverse Polarity (Gender), for Plenum RG-58/U	N	G	T	RFA-4009-206
RP-1216-I	22	TNC Female Crimp	I	Reverse Polarity (Gender), for Selden 9913 & Times LMR-400	N	G	T	RFA-4009-206
RP-1218	23	TNC Male Right Angle Crimp	C	Reverse Polarity (Gender), for RG-58/U	N	G	T	RFA-4009-206



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WIFI AND BROADBAND (FCC Part 15 Unique Connectors)

CONNECTORS

WIFI

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



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FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BDY	P/C	DIE	
RP-3000-1B	24	SMA Male Crimp	B	Reverse Polarity [Gender], for RG-174/U, includes heat shrink	G	G	T	RFA-4009-204
RP-3000-1B1	24	SMA Male Crimp	B1	Reverse Polarity [Gender], for RG-316/U Double Shield, includes heat shrink	G	G	T	RFA-4009-204
RP-3000-1C	25	SMA Male Crimp	C	Reverse Polarity [Gender], for RG-58/U	G	G	T	RFA-4009-206
RP-3000-1C1	25	SMA Male Crimp	C1	Reverse Polarity [Gender], for RG-142/U	G	G	T	RFA-4009-206
RP-3000-1X	25	SMA Male Crimp	X	Reverse Polarity [Gender], for Times LMR-240	G	G	T	RFA-4009-203
RP-3000-B	24	SMA Male Crimp	B	Reverse Polarity [Gender], for RG-174/U, includes heat shrink	N	G	T	RFA-4009-204
RP-3000-B1	24	SMA Male Crimp	B1	Reverse Polarity [Gender], for RG-316/U Double Shield, includes heat shrink	N	G	T	RFA-4009-204
RP-3000-C	25	SMA Male Crimp	C	Reverse Polarity [Gender], for RG-58/U	N	G	T	RFA-4009-206
RP-3000-C1	25	SMA Male Crimp	C1	Reverse Polarity [Gender], for RG-142/U	N	G	T	RFA-4009-206
RP-3000-C2	25	SMA Male Crimp	C2	Reverse Polarity [Gender], for Times LMR-200	N	G	T	RFA-4009-206
RP-3000-I	26	SMA Male Crimp	I	Reverse Polarity [Gender], for Belden 9913 & Times LMR-400	N	G	T	RFA-4009-205
RP-3010-1B	27	SMA Male Right Angle Crimp	B	Reverse Polarity [Gender], for RG-174/U	G	G	T	RFA-4009-204
RP-3010-1B1	27	SMA Male Right Angle Crimp	B1	Reverse Polarity [Gender], for RG-316/U Double Shield	G	G	T	RFA-4009-204
RP-3010-1C	28	SMA Male Right Angle Crimp	C, C2	Reverse Polarity [Gender], for RG-58/U, LMR-200	G	G	T	RFA-4009-204
RP-3010-1C1	28	SMA Male Right Angle Crimp	C1	Reverse Polarity [Gender], for RG-142/U	G	G	T	RFA-4009-204
RP-3050-1B	29	SMA Female Crimp	B	Reverse Polarity [Gender], for RG-174/U	G	G	T	RFA-4009-204
RP-3050-1B1	29	SMA Female Crimp	B1	Reverse Polarity [Gender], for RG-316/U Double Shield	G	G	T	RFA-4009-204
RP-3050-1C	30	SMA Female Crimp	C	Reverse Polarity [Gender], for RG-58/U	G	G	T	RFA-4009-206
RP-3050-1C1	30	SMA Female Crimp	C1	Reverse Polarity [Gender], for RG-142/U	G	G	T	RFA-4009-206
RP-3050-1C2	30	SMA Female Crimp	C2	Reverse Polarity [Gender], for Times LMR-200	G	G	T	RFA-4009-206
RP-3251-1	31	SMA Female Bulkhead		Front Mount, Reverse Polarity [Gender] with Solder Cup & D-Flat	G	G	T	
RP-3252-1B1	32	SMA Female Bulkhead Crimp	B1	Rear Mount, Reverse Polarity [Gender], for RG-316/U Double Shield	G	G	T	RFA-4009-204
RP-3252-1B	32	SMA Female Bulkhead w/o Gasket	B	Reverse Polarity [Gender], for rg-174/u, RG-316/u	G	G	T	RFA-4009-204



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WIFI AND BROADBAND (FCC Part 15 Unique Connectors)

WIFI

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FIG. 33
RP-3252-1C, 1C1



FIG. 34
RP-3252-A-06



FIG. 35
RSA-3252-A-4



FIG. 36
RP-3300, -1



FIG. 37
RP-4252-B
(shown at 150% size)



FIG. 38
RP-9000-1B
(shown at 200% size)



FIG. 39
RP-9010-1B
(shown at 200% size)



FIG. 40
RT-1005-C, -C1



FIG. 41
RT-1009-C1-03



FIG. 42
RT-1200-C

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FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RP-3252-1C	33	SMA Female Bulkhead Crimp	C	Jack Reverse Polarity (Gender), for RG-58/U	G	G	I	
RP-3252-1C1	33	SMA Female Bulkhead Crimp	C1	Jack Reverse Polarity (Gender), for RG-142/U	G	G	I	
RP-3252-A-06	34	SMA Female Bulkhead Crimp	A	Rear Mount, Reverse Polarity (Gender), for RG-178/U	SS	G	I	RFA-4009-206
RSA-3252-A-4	35	Female Crimp Bulkhead	A	Reverse Polarity (Gender), for RG-178/U	N	G	I	RFA-4009-400
RP-3300	36	SMA Female Right Angle PCB Mount		Reverse Polarity (Gender), Mounting .2" O/C	N	G	I	
RP-3300-1	36	SMA Female Right Angle PCB Mount		Reverse Polarity (Gender), Mounting .2" O/C	G	G	I	
RP-4252-B	37	SMB Female Bulkhead Crimp	B	Rear Mount, Reverse Polarity (Gender), for RG-174/U	N	G	I	RFA-4009-204
RP-9000-1B	38	MMCX Male Crimp	B	Reverse Polarity (Gender), for RG-174/U	G	G	I	RFA-4009-204
RP-9010-1B	39	MMCX Male Right Angle Crimp	B	Reverse Polarity (Gender), for RG-174/U	G	G	I	RFA-4009-204
RP-3000-1C	25	SMA Male Crimp	C	Reverse Polarity (Gender) & Reverse Thread, for RG-58/U	G	G	I	RFA-4009-206
RP-3000-C	25	SMA Male Crimp	C	Reverse Polarity (Gender) & Reverse Thread, for RG-58/U	N	G	I	RFA-4009-206
RT-1005-C	40	N Male Crimp	C	Left Hand Thread, for RG-58/U	N	G	I	RFA-4009-206
RT-1005-C1	40	N Male Crimp	C	Left Hand Thread, for RG-58/U	N	G	I	RFA-4009-206
RT-1009-C1-03	41	N Male Right Angle Crimp	C1	Left Hand Thread, for RG-142/U	N	G	I	RFA-4009-206
RT-1200-C	42	THC Male Clamp	C, C1	Left Hand Thread, for RG-58/U & RG-142/U	N	S	I	RFA-4009-206



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WIFI AND BROADBAND (FCC Part 15 Unique Connectors)



FIG. 43
RT-1200-I



FIG. 44
RT-1202-C, -C1



FIG. 45
RT-1202-I



FIG. 46
RT-1203-IX



FIG. 47
RT-1208



FIG. 48
RT-1211-I



FIG. 49
RT-3000-1C, -1C1



FIG. 50
RT-3252-1B-04,
-1B1-04



FIG. 51
RT-3252-1C, -1C1

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FOR MOUNTING CONFIGURATIONS

PART #	FIG	DESCRIPTION	CBL GRP	NOTES	PLATING			RECOM- MENDED TOOL
					BOY	P/C	DIE	
RT-1200-I	43	TNC Male Clamp		Left Hand Thread, for LMR-400	S	G	T	RFA-4000-300
RT-1202-C	44	TNC Male Crimp	C	Left Hand Thread, for RG-58/U	N	G	D	RFA-4000-204
RT-1202-C1	44	TNC Male Crimp	C1	Left Hand Thread, for RG-142/U	T	G	D	RFA-4000-204
RT-1202-I	45	TNC Male Crimp	I	Left Hand Thread, for LMR-400	N	G	T	RFA-4000-205
RT-1203-IX	46	TNC Male Crimp	X	Left Hand Thread, for RG-8/X & Times LMR-240	N	G	T	RFA-4000-300
RT-1208	47	TNC Female Right Angle PCB Mount		Left Hand Thread, Diecast Body	N	G	D	RFA-4000-300
RT-1211-I	48	TNC Female Bulkhead		Front Mount, Left Hand Thread	N	G	T	
RT-3000-1C	49	SMA Male Crimp	C	Left Hand Thread, for RG-58/U, RG-141/U	G	G	T	RFA-4000-204
RT-3000-1C1	49	SMA Male Crimp	C1	Left Hand Thread, for RG-142/U	G	G	T	RFA-4000-204
RT-3252-1B-04	50	SMA Female Crimp	B	Left Hand Thread, for RG-174/U	N	G	T	RFA-4000-204
RT-3252-1B1-04	50	SMA Female Crimp	B1	Left Hand Thread, for RG-174/U Double Shield	G	G	T	RFA-4000-204
RT-3252-1C	51	SMA Female Crimp	C	Left Hand Thread, for RG-58/U, RG-141/U	G	G	T	RFA-4000-204
RT-3252-1C1	51	SMA Female Crimp	C1	Left Hand Thread, for RG-142/U	G	G	T	RFA-4000-204

Adapters

with Part-Number Cross-References



Adapter Part Number Cross-Reference

3.5 mm Adapters

7-16 DIN Adapters

BNC Adapters

BNC 75 Ohm Adapters

F Adapters

FME Adapters

N Type Adapters

RCA Adapters

SMA Adapters

TNC Adapters

UHF Adapters

Mini-UHF Adapters

Specialty Adapters

WiFi and Broadband Adapters

Unidapt™ Adapters

Attenuators



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REFERENCE

M = MALE, F = FEMALE

TYPE	3.5-F	3.5-M	BNC-F	BNC-M	BNC-F 75 OHM	BNC-M 75 OHM	1/16 DIN-F	1/16 DIN-M	F-F	F-M	FME-F	FME-M	MMV-F	MMV-M	MMCX- JACK	TYPE
3.5-F	W55H-31-0000 W55H-31-1000	W55H-31-0000 W55H-31-1000														3.5-F
3.5-M	W55H-31-0000 W55H-31-1000	W55H-31H-0000 W55H-31H-1000														3.5-M
BNC-F			W5-1121 W5-1124 W5-1125 W5-1125-1 W5-1125-1 W5-1125-1 W5-1125-1	W5-1120 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1					W5-1122	W5-1124	W5-4120	W5-4121				BNC-F
BNC-M			W5-1120 W5-1120-1 W5-1120-2 W5-1120-2 W5-1120-4 W5-1120-4 W5-1120-4	W5-1121					W5-1120		W5-4121	W5-4122 W5-4122				BNC-M
BNC-F 75 OHM					W5-1124 W5-1120 W5-1120-1	W5-1120 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1			W5-1122							BNC-F 75 OHM
BNC-M 75 OHM					W5-1120 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1 W5-1120-1	W5-1121										BNC-M 75 OHM
1/16 DIN-F							W5-1021-1 W5-1021-1	W5-1021-1 W5-1021-1								1/16 DIN-F
1/16 DIN-M							W5-1021-1 W5-1021-1	W5-1021-1 W5-1021-1								1/16 DIN-M
F-F			W5-1121	W5-1120	W5-1121					W5-1041A W5-1041B						F-F
F-M			W5-1124						W5-1041A W5-1041B	W5-1120						F-M
FME-F			W5-4120	W5-4121												FME-F
FME-M			W5-4121 W5-4121 W5-4121									W5-4120				FME-M
MMV-F													W5-4121	W5-4120		MMV-F
MMV-M													W5-4120			MMV-M
MMCX- JACK																MMCX- JACK
MMCX- PLUG															W5-4121-1	MMCX- PLUG
MOTD- ROSLA PENDING			W5-1141													MOTD- ROSLA PENDING
MUNF-F				W5-4121							W5-4121 W5-4121	W5-4120				MUNF-F
MUNF- M			W5-4121								W5-4121 W5-4121	W5-4120				MUNF- M
N-F			W5-1021-1 W5-1021-1	W5-1021-1			W5-1021-1	W5-1021-1								N-F
N-M			W5-1021-1	W5-1041-1			W5-1021-1	W5-1021-1				W5-4121				N-M
NCA-F			W5-1121	W5-1120												NCA-F
NCA-M			W5-1120 W5-1121		W5-1121											NCA-M
SMA-F			W5-1141 W5-3411	W5-3411 W5-3411-1								W5-4120				SMA-F
SMA-M			W5-3410	W5-3410								W5-4121	W5-3410			SMA-M
SARS- JACK																SARS- JACK
TNC-F			W5-1121	W5-1120							W5-1120 W5-1120-1					TNC-F
TNC-M			W5-1120								W5-4121	W5-4120 W5-4120				TNC-M
UHF-F			W5-1141	W5-1120												UHF-F
UHF-M			W5-1121									W5-4121				UHF-M
TYPE	3.5-F	3.5-M	BNC-F	BNC-M	BNC-F 75 OHM	BNC-M 75 OHM	1/16 DIN-F	1/16 DIN-M	F-F	F-M	FME-F	FME-M	MMV-F	MMV-M	MMCX- JACK	TYPE

Note: Chart does not run straight across both pages

TYPE	MMCK-PLUG	MOTOROLA PHONO	MMHF-F	MMHF-M	N-F	N-M	RCA-F	RCA-M	SMA-F	SMA-M	SMB-JACK	TNC-F	TNC-M	UHF-F	UHF-M	TYPE
3.5-F																3.5-F
3.5-M																3.5-M
BNC-F		BNC-141	BNC-421	BNC-1024 BNC-1025	BNC-1021	BNC-150	BNC-170 BNC-172	BNC-170 BNC-172	BNC-170 BNC-172	BNC-170 BNC-172		BNC-170 BNC-172	BNC-170 BNC-172	BNC-170 BNC-172	BNC-170 BNC-172	BNC-F
BNC-M			BNC-421		BNC-1025	BNC-1001	BNC-170 BNC-172		BNC-170 BNC-172	BNC-170 BNC-172		BNC-170 BNC-172		BNC-170 BNC-172		BNC-M
BNC-F T1 DBM								BNC-172								BNC-F T1 DBM
BNC-M T1 DBM																BNC-M T1 DBM
216 DBM-F					BNC-1021	BNC-1021										216 DBM-F
216 DBM-M					BNC-1021	BNC-1021										216 DBM-M
F-F																F-F
F-M																F-M
FME-F			BNC-421	BNC-421								BNC-170 BNC-172	BNC-170 BNC-172			FME-F
FME-M			BNC-421	BNC-421		BNC-421			BNC-421	BNC-421		BNC-170 BNC-172		BNC-421		FME-M
MMHF-F										BNC-421						MMHF-F
MMHF-M										BNC-421						MMHF-M
MMCK-JACK	BNC-141															MMCK-JACK
MMCK-PLUG									BNC-170 BNC-172							MMCK-PLUG
MOTO-SOLA PHONO																MOTO-SOLA PHONO
MMHF-F			BNC-421 BNC-421	BNC-421 BNC-421 BNC-421 BNC-421 BNC-421	BNC-421	BNC-421 BNC-421			BNC-421	BNC-421				BNC-421	BNC-421	MMHF-F
MMHF-M			BNC-421 BNC-421 BNC-421 BNC-421 BNC-421	BNC-421	BNC-421				BNC-421	BNC-421		BNC-421 BNC-421 BNC-421		BNC-421	BNC-421	MMHF-M
N-F				BNC-421	BNC-1021 BNC-1021 BNC-1021 BNC-1021	BNC-1021 BNC-1021 BNC-1021 BNC-1021			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170		BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	N-F
N-M			BNC-421 BNC-421		BNC-1021 BNC-1021 BNC-1021	BNC-1021 BNC-1021 BNC-1021			BNC-170 BNC-170	BNC-170 BNC-170		BNC-170 BNC-170		BNC-170 BNC-170		N-M
RCA-F							BNC-170 BNC-170						BNC-170 BNC-170			RCA-F
RCA-M												BNC-170 BNC-170				RCA-M
SMA-F	BNC-141		BNC-421	BNC-421	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	SMA-F
SMA-M			BNC-421	BNC-421	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170	SMA-M
SMB-JACK									BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170						SMB-JACK
TNC-F			BNC-421 BNC-421 BNC-421	BNC-421 BNC-421 BNC-421	BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	TNC-F
TNC-M			BNC-421		BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170		BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	TNC-M
UHF-F				BNC-421	BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170		BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	UHF-F
UHF-M			BNC-421	BNC-421	BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170			BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	BNC-170 BNC-170 BNC-170 BNC-170 BNC-170	UHF-M
TYPE	MMCK-PLUG	MOTOROLA PHONO	MMHF-F	MMHF-M	N-F	N-M	RCA-F	RCA-M	SMA-F	SMA-M	SMB-JACK	TNC-F	TNC-M	UHF-F	UHF-M	TYPE



Find adapters for WiFi and broadband on next page.



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WIFI AND BROADBAND CROSS REFERENCE (FCC Part 15 Unique Adapters)

To use this chart, locate one end of the adapter in the left or right hand column and the other end along the top or bottom. Find adapter part number where the two intersect. Either refer to the adapter pages for either end or go to the index for an exact page number. If you have adapter requirements not found here, we can fill your needs through our special order program. Contact your distributor.

M = MALE, F = FEMALE, REV POL = REVERSE POLARITY

TYPE	BNC-F	MMCK PLUG	N-F	N-F REV POL	N-M	N-M REV POL	SMA-F	SMA-F REV POL	SMA-M	SMA-M REV POL	SMA-F REV THREAD	TNC-F	TNC-M	TNC-F REV THREAD	TNC-M REV THREAD	TYPE
BNC-F											B1142					BNC-F
MMCK PLUG								W3081								MMCK PLUG
N-F						W103			W302				W120			N-F
N-F REV POL						W103										N-F REV POL
N-M						W103			W302							N-M
N-M REV POL						W103										N-M REV POL
SMA-F										W306 W305-1						SMA-F
SMA-F REV POL																SMA-F REV POLARITY
SMA-M																SMA-M
SMA-M REV POL										W306 W305-1						SMA-M REV POL
SMA-F REV THREAD																SMA-F REV THREAD
TNC-F													W122			TNC-F
TNC-F REV POL																TNC-F REV POL
TNC-M													W122			TNC-M
TNC-M REV POL																TNC-M REV POL
TNC-F REV THREAD														W122	W1-1227	TNC-F REV THREAD
TNC-M REV THREAD														W122		TNC-M REV THREAD
TYPE	BNC-F	MMCK PLUG	N-F	N-F REV POL	N-M	N-M REV POL	SMA-F	SMA-F REV POL	SMA-M	SMA-M REV POL	SMA-F REV THREAD	TNC-F	TNC-M	TNC-F REV THREAD	TNC-M REV THREAD	TYPE

Find standard adapters on previous page.



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3.5mm ADAPTERS

PLATING SPECIFICATIONS

Body: **G** - Gold **SS** - Stainless Silver

Pin/Contact: **G** - Gold

Dielectric: **R** - Rexolite®



FIG. 1
RF35F-35F-00000



FIG. 2
RF35M-35F-00000



FIG. 3
RF35M-35M-00000, -G0000

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG.	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
RF35F-35F-00000	1	Adapter	3.5mm Female to 3.5mm Female	SS	G	R
RF35M-35F-00000	2	Adapter	3.5mm Male to 3.5mm Female	SS	G	R
RF35M-35M-00000	3	Bulkhead Adapter	3.5mm Male to 3.5mm Male	SS	G	R
RF35M-35M-G0000	3	Adapter	3.5mm Male to 3.5mm Male	G	G	R



RFA-4031-01

Have all your 3.5mm adapters in one convenient storage kit.

STANDARD/METRIC CONVERSIONS

LENGTH

Inch x 25.40 = Millimeters

Millimeters x 0.03937 = Inches

Feet x 0.3048 = Meters

Miles x 1.609 = Kilometers

MASS

Ounce x 28.35 = Gram

Gram x 0.03527 = Ounce

Pound x 0.4536 = Kilogram

Kilogram x 2.205 = Pound

Kilogram/lm x 0.6214 = Pounds/kft

Pounds/kft x 1.4881 = Kilogram/km

AREA

Sq. Inch x 6.452 = Sq. Centimeter

Sq. Centimeter x 0.1550 = Sq. Inch

Sq. Foot x 0.0929 = Sq. Meter

Sq. Meter x 10.76 = Sq. Foot

Sq. Miles x 2.590 = Sq. Kilometer

Sq. Kilometer x 0.3861 = Sq. Miles

Circular Mil x 0.7854 = Sq. Mil

VOLUME

Cu. Inch x 16.39 = Cu. Centimeter

Cu. Cm. x 0.06102 = Cu. Inch

Cu. Foot x 0.02832 = Cu. Meter

Cu. Meter x 35.31 = Cu. Foot



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Revised 7-07-2013

7-16 DIN ADAPTERS

PLATING SPECIFICATIONS

Body: S - Silver Pin/Contact: S - Silver Dielectric: T - PTFE
Interface Impedance: 50 Ω Frequency Range: 0 TO 7.5 GHz PIM: ≥ -150 dBc



FIG. 1
RFD-1650-2



FIG. 2
RFD-1652-2



FIG. 3
RFD-1653-2



FIG. 4
RFD-1658-2



FIG. 5
RFD-1660-2



FIG. 6
RFD-1670-2



FIG. 7
RFD-1671-2



FIG. 8
RFD-1672-2



FIG. 9
RFD-1673-2

PHOTOS FOR REFERENCE ONLY, SHOWN AT 75% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BOY	P/C	DIE
RFD-1650-2	1	Barrel Adapter	7-16 DIN Male to 7-16 DIN Male	S	S	T
RFD-1652-2	2	Right Angle Adapter	7-16 DIN Male to 7-16 DIN Female	S	S	T
RFD-1653-2	3	Barrel Adapter	7-16 DIN Female to 7-16 DIN Female	S	S	T
RFD-1658-2	4	Right Angle Adapter	7-16 DIN Female to 7-16 DIN Female	S	S	T
RFD-1660-2	5	Barrel Adapter	7-16 DIN Female to 7-16 DIN Male	S	S	T
RFD-1670-2	6	Adapter	7-16 DIN Male to N Male	S	S	T
RFD-1671-2	7	Adapter	7-16 DIN Male to N Female	S	S	T
RFD-1672-2	8	Adapter	7-16 DIN Female to N Male	S	S	T
RFD-1673-2	9	Adapter	7-16 DIN Female to N Female	S	S	T



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PLATING SPECIFICATIONS

Body: **G** - Gold **N** - Nickel **S** - Silver **Pin/Contact:** **G** - Gold **N** - Nickel **S** - Silver **T** - Tin
Dielectric: **D** - Delrin **PE** - Polyethylene **T** - PTFE



FIG. 1
RFB-1130-1



FIG. 2
RFB-1130-2



FIG. 3
RFB-1130-3



FIG. 4
RFB-1130-5



FIG. 5
RFB-1131



FIG. 6
RFB-1132



FIG. 7
RFB-1133



FIG. 8
RFB-1134



FIG. 9
RFB-1135, -L, -T



FIG. 10
RFB-1136



FIG. 11
RFB-1137



FIG. 12
RFB-1138

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFB-1130	1	T-Adapter	BNC Male to Double BNC Female	UG-274B/U, C/U	N	G	T
RFB-1130-1	1	T-Adapter	BNC Male to Double BNC Female, Diecast	UG-274B/U, C/U	N	G	D
RFB-1130-2	2	T-Adapter	BNC Male to Double BNC Female, Molded Plastic Jacket	for LAN use	N	G	D
RFB-1130-3	3	T-Adapter	BNC Male to Double BNC Female	for LAN use	N	G	D
RFB-1130-5	4	Goatpost Adapter	BNC Male to Double BNC Female	for LAN use	N	G	D
RFB-1131	5	T-Adapter	Triple BNC Female		N	S	T
RFB-1132	6	Right Angle Adapter	BNC Male to BNC Female	UG-306/U, A/U, B/U	N	S	T
RFB-1133	7	Barrel Adapter	BNC Male to BNC Male	MS39012/3992-15-004P1 UG-491/U, A/U, B/U	N	G	T
RFB-1134	8	Barrel Adapter	BNC Female to BNC Female	UG-914/U	N	G	P
RFB-1135	9	Female Bulkhead Adapter	Double BNC Female with D-Flat & O-Ring	UG-492/U	N	G	D
RFB-1135-I	9	Female Bulkhead Adapter	Double BNC Female with D-Flat, Insulated		S	G	D
RFB-1135-T	9	Female Bulkhead Adapter	Double BNC Female with D-Flat & O-Ring	UG-492/U, D/U	N	G	T
RFB-1136	10	Adapter	BNC Male to UHF Female	UG-255A/U	N	G	D
RFB-1137	11	Adapter	BNC Female to UHF Male	UG-273/U	N	S	D
RFB-1138	12	Adapter	BNC Female to BNC Male, Connector Saver		N	G	D

BNC ADAPTERS



FIG. 13
RFB-1139



FIG. 14
RFB-1140



FIG. 15
RFB-1141



FIG. 16
RFB-1142, -4, -5, -6



FIG. 17
RFB-1144



FIG. 18
RFB-1145



FIG. 19
RFB-1151



FIG. 20
RFB-1152



FIG. 21
RFB-1153



FIG. 22
RFB-1155



FIG. 23
RFE-6101



FIG. 24
RFE-6102



FIG. 25
RFE-6103



FIG. 26
RFE-6150



FIG. 27
RFE-6151



FIG. 28
RFF-1479

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFB-1139	13	Adapter	BNC Male to RCA Phone Jack		N	G	D
RFB-1140	14	Adapter	BNC Female to RCA Phone Plug		N	S	D
RFB-1141	15	Adapter	BNC Female to Phone Plug (Motorola) for GP 300, P110 & P120	HUN9756A	N	G	T
RFB-1142	16	Adapter	BNC Female to SMA Female	UNIDEN / Johnson SWR	N	G	T
RFB-1142-4	16	Adapter	BNC Female to SMA Female (Motorola)	Use with Motorola Cellular	N	G	T
RFB-1142-5	16	Adapter	BNC Female to SMA Female (OKI 900)	Use with OKI 900 Cellular	N	G	T
RFB-1142-6	16	Adapter	BNC Female to SMA Female (Motorola) Quick Disconnect	*1.5 Turns	N	G	T
RFB-1144	17	Adapter	BNC Female to F Male		N	G	D
RFB-1145	18	Adapter	BNC Female to 1/4 x 24 Stud	for Kenwood Portables TK240 & TK340	N	S	T
RFB-1151	19	Bulkhead Adapter	BNC Female to RCA Phone Jack with D-Flat		N	G	D
RFB-1152	20	Bulkhead Adapter	BNC Female to RCA Male Quick Disconnect		N	N	T
RFB-1153	21	Bulkhead Adapter	BNC Female to F Male Quick Disconnect		N	N	T
RFB-1155	22	Adapter	BNC Male to F Female		N	G	D
RFE-6101	23	Adapter	FME Male to BNC Female		N	G	T
RFE-6102	24	Adapter	FME Male to BNC Male		N	G	T
RFE-6103	25	Right Angle Adapter	FME Male to BNC Male		N	G	T
RFE-6150	26	Adapter	FME Female to BNC Female		N	G	T
RFE-6151	27	Adapter	FME Female to BNC Male		N	G	T
RFF-1479	28	Adapter	F Male to BNC Female		N	T	PE



BNC ADAPTERS



FIG. 29
RFN-1023-5



FIG. 30
RFN-1037-1



FIG. 31
RFN-1038-1



FIG. 32
RFN-1039-1



FIG. 33
RFN-1040-1



FIG. 34
RFT-1230



FIG. 35
RFT-1231



FIG. 36
RFT-1232



FIG. 37
RFU-545



FIG. 38
RFU-622



FIG. 39
RFU-627



FIG. 40
RSA-3413



FIG. 41
RSA-3413-3



FIG. 42
RSA-3458



FIG. 43
RSA-3459



FIG. 44
RSA-3476, -1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFN-1023-5	29	Bulkhead Adapter	N Female BNC Female		N	G	1
RFN-1037-1	30	Adapter	N Male BNC Female	UG-201A/U	S	G	1
RFN-1038-1	31	Adapter	N Female to BNC Male	UG-349B/U	S	G	1
RFN-1039-1	32	Adapter	N Female to BNC Female		S	G	1
RFN-1040-1	33	Adapter	N Male to BNC Male	UG-1034/U	S	G	1
RFT-1230	34	Adapter	TNC Female to BNC Male		N	G	1
RFT-1231	35	Adapter	TNC Male to BNC Female		N	G	1
RFT-1232	36	Adapter	TNC Female to BNC Female		N	G	1
RFU-545	37	Adapter	UHF Female to BNC Female		N	S	D
RFU-622	38	Adapter	Mini-UHF Male to BNC Female	Motorola 5880367823 (58C83488R01)	N	G	1
RFU-627	39	Adapter	Mini-UHF Female to BNC Male	Motorola 5880367828	N	G	1
RSA-3413	40	Bulkhead Adapter	SMA Female to BNC Female		N	G	1
RSA-3413-3	41	Bulkhead Adapter	SMA Female to BNC Female, with .375-32UNF Threads		N	G	1
RSA-3458	42	Adapter	SMA Male to BNC Female		N	G	1
RSA-3459	43	Adapter	SMA Male BNC Male		N	G	1
RSA-3476	44	Adapter	SMA Female BNC Male		N	G	1
RSA-3476-1	44	Adapter	SMA Female BNC Male		G	G	1



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Revised 7-07-2013

BNC 75 OHM ADAPTERS

PLATING SPECIFICATIONS

Body: N - Nickel S - Silver Pin/Contact: G - Gold S - Silver Dielectric: D - Delrin T - PTFE



FIG. 1
RFB-1730



FIG. 2
RFB-1730-3, -4



FIG. 3
RFB-1732



FIG. 4
RFB-1733



FIG. 5
RFB-1734, -2



FIG. 6
RFB-1735, -4



FIG. 7
RFB-1745

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFB-1730	1	T Adapter	BNC Male to Double BNC Female	Amphenol 31-70036	N	G	T
RFB-1730-3	2	F Adapter	BNC Male to Double BNC Female		N	G	T
RFB-1730-4	2	F Adapter	BNC Male to Double BNC Female w/ internal 75 Ohm Resistors (Video Splitter)		N	G	D
RFB-1732	3	Right Angle Adapter	BNC Male to BNC Female	Amphenol 31-9-75	N	G	T
RFB-1733	4	Barrel Adapter	BNC Male to BNC Male	Amphenol 31-218-75	N	G	T
RFB-1734	5	Barrel Adapter	BNC Female to BNC Female	Amphenol 31-219-75	N	G	T
RFB-1734-2	5	Barrel Adapter	BNC Female to BNC Female		S	G	T
RFB-1735	6	Female Bulkhead Adapter	Double BNC Female with D-Flat & O-Ring	Amphenol 31-70020	N	G	T
RFB-1735-4	6	Female Bulkhead Adapter	Double BNC Female with D-Flat, Insulated	Amphenol 31-4803-75	N	G	T
RFB-1745	7	Straight Adapter	BNC Female to 1/4x24 Stud, for Kenwood TK240, TK340	Midland 70-1034	N	S	T



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F ADAPTERS

PLATING SPECIFICATIONS

Body: **N** - Nickel **G** - Gold Pin/Contact: **G** - Gold **T** - PTFE Dielectric: **D** - Delrin **PE** - Polyethylene



FIG. 1
RFB-1144



FIG. 2
RFB-1155



FIG. 3
RFF-1445-S, -S-1



FIG. 4
RFF-1446-10



FIG. 5
RFF-1448



FIG. 6
RFF-1476, -1



FIG. 7
RFF-1477



FIG. 8
RFF-1478



FIG. 9
RFF-1479



FIG. 10
RFF-1484

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
RFB-1144	1	Adapter	BNC Female to F Male	N	G	D
RFB-1155	2	Adapter	BNC Male F Female	N	G	D
RFF-1445-S	3	Adapter	F Male Quick Disconnect to F Female	N	T	PE
RFF-1445-S-1	3	Adapter	F Male Quick Disconnect to F Female	G	G	PE
RFF-1446-10	4	Right Angle Adapter	F Male to F Female	N	T	PE
RFF-1448	5	Adapter	F Male to F Male	N	T	PE
RFF-1476	6	Adapter	F Female to F Female	N	T	PE
RFF-1476-1	6	Adapter	F Female to F Female	G	T	PE
RFF-1477	7	Bulkhead Adapter	F Female to F Female	N	T	PE
RFF-1478	8	Adapter	F Female to 3.5 Mono Plug	N	T	PE
RFF-1479	9	Adapter	F Male to BNC Female	N	G	D
RFF-1484	10	Adapter	F Female to RCA Jack	N	T	PE

FME ADAPTERS

PLATING SPECIFICATIONS

Body: C - Black Chrome N - Nickel Pin/Contact: G - Gold Dielectric: D - Delrin T - PTFE



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFE-6100	1	Adapter	FME Male to FME Male		N	G	1
RFE-6101	2	Adapter	FME Male to BNC Female		N	G	1
RFE-6102	3	Adapter	FME Male to BNC Male		N	G	1
RFE-6103	4	Right Angle Adapter	FME Male to BNC Male		N	G	1
RFE-6104	5	Adapter	FME Male to Mini-UHF Female		N	G	D
RFE-6105	6	Adapter	FME Male to Mini-UHF Male		N	G	D
RFE-6107	7	Adapter	FME Male to N Male		N	G	1
RFE-6108	8	Adapter	FME Male to TNC Male		N	G	1
RFE-6109	9	Right Angle Adapter	FME Male to TNC Male		N	G	1
RFE-6110	10	Adapter	FME Male to SMA Female		N	G	1
RFE-6111	11	Adapter	FME Male to SMA Male		N	G	1
RFE-6112	12	Adapter	FME Male to UHF Male		N	G	1
RFE-6150	13	Adapter	FME Female to BNC Female		N	G	1
RFE-6151	14	Adapter	FME Female to BNC Male		N	G	1
RFE-6152	15	Adapter	FME Female to Mini-UHF Female		N	G	1
RFE-6153	16	Adapter	FME Female to Mini-UHF Male		N	G	1
RFE-6155	17	Adapter	FME Female to TNC Male		N	G	1
RFT-1240	18	Adapter	TNC Female to FME Female (Euro Nipple)	use with Technophone Cellular	N	G	1
RFT-1240-1	19	Adapter	TNC Female to FME Female (Euro Nipple) Black Chrome	use with Technophone Cellular	C	G	1



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Revised 7-07-2013

PLATING SPECIFICATIONS

Body: **N** - Nickel **S** - Silver **SS** - Stainless Steel Pin/Contact: **G** - Gold **S** - Silver Dielectric: **T** - PTFE



FIG. 1
RFD-1670-2
(shown at 75% size)



FIG. 2
RFD-1671-2
(shown at 75% size)



FIG. 3
RFD-1672-2
(shown at 75% size)



FIG. 4
RFD-1673-2
(shown at 75% size)



FIG. 5
RFE-6107



FIG. 6
RFN-1010-1
(shown at 75% size)



FIG. 7
RFN-1011-1
(shown at 75% size)



FIG. 8
RFN-1012-1
(shown at 75% size)



FIG. 9
RFN-1013-1



FIG. 10
RFN-1013-1-03



FIG. 11
RFN-1014-1



FIG. 12
RFN-1023

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE UNLESS OTHERWISE INDICATED.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFD-1670-2	1	Adapter	7-16 DIN Male to N Male		S	S	T
RFD-1671-2	2	Adapter	7-16 DIN Male to N Female		S	S	T
RFD-1672-2	3	Adapter	7-16 DIN Female to N Male		S	S	T
RFD-1673-2	4	Adapter	7-16 DIN Female to N Female		S	S	T
RFE-6107	5	Adapter	FIVE Male N Male		N	G	T
RFN-1010-1	6	T-Adapter	N Double Female to N Male	UG-1078/U	S	G	T
RFN-1011-1	7	T-Adapter	N Triple Female	UG-28A/U	S	G	T
RFN-1012-1	8	Right Angle Adapter	N Female to N Male	UG-27A/U, UG-278/U, UG-27C/U, UG-27D/U	S	G	T
RFN-1013-1	9	Barrel Adapter	N Female to N Female	UG-298/U, UG-29C/U, M539012/84-00029	S	G	T
RFN-1013-1-03	10	Barrel Adapter	N Female to N Female		N	G	T
RFN-1014-1	11	Barrel Adapter	N Male to N Male	UG-578/U, M539012/05-00057	S	G	T
RFN-1023	12	Bulkhead Front Mount Adapter	N Female to N Female	UG-30C/U	S	G	T

N ADAPTERS



FIG. 13
RFN-1023-5



FIG. 14
RFN-1034-1



FIG. 15
RFN-1035-1



FIG. 16
RFN-1036-1



FIG. 17
RFN-1037-1



FIG. 18
RFN-1038-1



FIG. 19
RFN-1039-1



FIG. 20
RFN-1040-1



FIG. 21
RFN-1054-AV
(shown at 75% size)



FIG. 22
RFT-1233



FIG. 23
RFT-1234



FIG. 24
RFT-1234-11

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE UNLESS OTHERWISE INDICATED.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFN-1023-5	13	Bulkhead Adapter	N Female to BNC Female		N	G	T
RFN-1034-1	14	Adapter	N Female to UHF Female	UG-301/U	S	G	T
RFN-1035-1	15	Adapter	N Male to UHF Female	UG-146/U, UG-146 A/U	S	G	T
RFN-1036-1	16	Adapter	N Female to UHF Male	UG-83A/U, UG-83B/U	S	G	T
RFN-1037-1	17	Adapter	N Male to BNC Female	UG-201A/U MS39012/20-00201	S	G	T
RFN-1038-1	18	Adapter	N Female to BNC Male	UG-349B/U MS39012/49-00349	S	G	T
RFN-1039-1	19	Adapter	N Female to BNC Female		S	G	T
RFN-1040-1	20	Adapter	N Male to BNC Male	UG-1034/U	S	G	T
RFN-1054-AV	21	Right Angle Adapter	N Male to N Male		N	G	T
RFT-1233	22	Adapter	THC Female to N Male		N	G	T
RFT-1234	23	Adapter	THC Male to N Female		N	G	T
RFT-1234-11	24	Right Angle Adapter	THC Male to N Female		N	G	T

N ADAPTERS



FIG. 25
RFI-1239



FIG. 26
RFU-620



FIG. 27
RFU-625, -03



FIG. 28
RSA-3290, -10



FIG. 29
RSA-3452



FIG. 30
RSA-3453



FIG. 31
RSA-3477, -2



FIG. 32
RSA-3477-03



FIG. 33
RSA-3478

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE UNLESS OTHERWISE INDICATED.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BOY	P/C	DIE
RFI-1239	25	Adapter	TNC Female to N Female		N	G	T
RFU-620	26	Adapter	Mini-UHF Male to N Female	Motorola 5880367821	N	G	T
RFU-625	27	Adapter	Mini-UHF Female to N Male	Motorola 5880367826	N	G	T
RFU-625-03	27	Adapter	Mini-UHF Female to N Male	Motorola 5880367826	N	S	T
RSA-3290	28	Female Panel Mount Adapter	4 Hole Flange SMA Female to N Female, Stainless Steel		SS	G	T
RSA-3290-10	28	Female Panel Mount Adapter	4 Hole Flange SMA Female to N Female		N	G	T
RSA-3452	29	Adapter	SMA Male to N Female		N	G	T
RSA-3453	30	Adapter	SMA Male to N Male		N	G	T
RSA-3477	31	Adapter	SMA Female to N Female		N	G	T
RSA-3477-03	32	Bulkhead Adapter	SMA Female to N Female Feed Through with Gasket & Dbl D-Flat		N	G	T
RSA-3477-2	31	Adapter	SMA Female to N Female		S	G	T
RSA-3478	33	Adapter	SMA Female to N Male		N	G	T

RCA ADAPTERS

PLATING SPECIFICATIONS

Body: **N** - Nickel Pin/Contact: **G** - Gold **N** - Nickel **S** - Silver **T** - Tin Dielectric: **D** - Delrin **PE** - Polyethylene **T** - PTFE



FIG. 1
RCA-1950-03



FIG. 2
RFB-1139



FIG. 3
RFB-1140



FIG. 4
RFB-1151



FIG. 5
RFB-1152



FIG. 6
RFT-1237



FIG. 7
RFT-1238

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BOY	P/C	DIE
RCA-1950-03	1	RCA Jack to RCA Jack Bulkhead Adapter	with D-Flat	N	G	D
RFB-1139	2	Adapter	BNC Male to RCA Phono Jack	N	G	D
RFB-1140	3	Adapter	BNC Female to RCA Phono plug	N	S	D
RFB-1151	4	Bulkhead Adapter	BNC Female to RCA Phono Jack with D-Flat	N	G	D
RFB-1152	5	Bulkhead Adapter	BNC Female to RCA Male Quick Disconnect	N	N	T
RFT-1237	6	Adapter	TNC Male to RCA Jack	N	G	T
RFT-1238	7	Adapter	TNC Female to RCA plug	N	G	T



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PLATING SPECIFICATIONS

Body: **G** - Gold **N** - Nickel **S** - Silver **SS** - Stainless Steel Pin/Contact: **G** - Gold Dielectric: **T** - PTFE



FIG. 1
RFB-1142, -4, -5, -6



FIG. 2
RFE-6110



FIG. 3
RFE-6111



FIG. 4
RFT-1241-4



FIG. 5
RFT-1241-5



FIG. 6
RFT-1241-6



FIG. 7
RFU-642



FIG. 8
RSA-3290, -10



FIG. 9
RSA-3400, -1



FIG. 10
RSA-3401



FIG. 11
RSA-3402, -1



FIG. 12
RSA-3403, -1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFB-1142	1	Adapter	BNC Female to SMA Female	UNIDEN / Johnson SMR	N	G	T
RFB-1142-4	1	Adapter	BNC Female to SMA (Motorola) Female	Use with Motorola Cellular	N	G	T
RFB-1142-5	1	Adapter	BNC Female to SMA Female (Oki 900)	Use with Oki 900 Cellular	N	G	T
RFB-1142-6	1	Adapter	BNC Female to SMA (Motorola) Female Q/D*	*1.5 Turns	N	G	T
RFE-6110	2	Adapter	FME Male to SMA Female		N	G	T
RFE-6111	3	Adapter	FME Male to SMA Male		N	G	T
RFT-1241-4	4	Adapter	TNC Female to SMA (Motorola) Female	use with Motorola Cellular	N	G	T
RFT-1241-5	5	Adapter	TNC Female to SMA (Oki 900) Female	use with Oki 900 Cellular	N	G	T
RFT-1241-6	6	Adapter	TNC Female to SMA Male		N	G	T
RFU-642	7	Adapter	Mini UHF Female to SMA (Motorola) Female	for Motorola Cellular	N	G	T
RSA-3290	8	Female Panel Mount Adapter	4 Hole Flange, SMA Female to N Female, Stainless Steel		SS	G	T
RSA-3290-10	8	Female Panel Mount Adapter	4 Hole Flange, SMA Female to N Female		N	G	T
RSA-3400	9	T-Adapter	SMA Male to Double SMA Female		N	G	T
RSA-3400-1	9	T-Adapter	SMA Male to Double SMA Female		G	G	T
RSA-3401	10	T-Adapter	SMA Triple Female		N	G	T
RSA-3402	11	Right Angle Adapter	SMA Male to SMA Female		N	G	T
RSA-3402-1	11	Right Angle Adapter	SMA Male to SMA Female		G	G	T
RSA-3403	12	Adapter	SMA Male to SMA Male		N	G	T
RSA-3403-1	12	Adapter	SMA Male to SMA Male		G	G	T

SMA ADAPTERS



FIG. 13
RSA-3404



FIG. 14
RSA-3405, -1



FIG. 15
RSA-3406



FIG. 16
RSA-3407-1



FIG. 17
RSA-3407-4-03, -4-LF



FIG. 18
RSA-3408-1



FIG. 19
RMC-6021



FIG. 20
RSA-3410, -1



FIG. 21
RSA-3413



FIG. 22
RSA-3413-3



FIG. 23
RSA-3450



FIG. 24
RSA-3451



FIG. 25
RSA-3452



FIG. 26
RSA-3453



FIG. 27
RSA-3454



FIG. 28
RSA-3456

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RSA-3404	13	Adapter	SMA Female to SMA Female		N	G	1
RSA-3405	14	Adapter	SMA Male to SMA Female		N	G	1
RSA-3405-1	14	Adapter	SMA Male to SMA Female		G	G	1
RSA-3406	15	Adapter	SMA Female to SMB Jack		N	G	1
RSA-3407-1	16	Adapter	SMA Female to Nokia Male		G	G	1
RSA-3407-4-03	17	Right Angle Adapter	SMA Female to DTC4 Nokia		G	G	1
RSA-3407-4-LF	17	Right Angle Adapter	SMA Female to DTC4 Nokia (Easy-snap)		G	G	1
RSA-3408-1	18	Adapter	SMA Female to MMCK Plug		G	G	1
RMC-6021	19	Adapter	MC Card Plug to SMA female		N	G	1
RSA-3410	20	Bulkhead Adapter	SMA Female to SMA Female with D-Flat		N	G	1
RSA-3410-1	20	Bulkhead Adapter	SMA Female to SMA Female with D-Flat		G	G	1
RSA-3413	21	Bulkhead Adapter	SMA Female to BNC Female		N	G	1
RSA-3413-3	22	Bulkhead Adapter	SMA Female to BNC Female, w/ .375-32UNEF Threads		N	G	1
RSA-3450	23	Adapter	SMA Male to Mini UHF Female		N	G	1
RSA-3451	24	Adapter	SMA Male to Mini UHF Male		N	G	1
RSA-3452	25	Adapter	SMA Male to N Female		N	G	1
RSA-3453	26	Adapter	SMA Male to N Male		N	G	1
RSA-3454	27	Adapter	SMA Male to TNC Male		N	G	1
RSA-3456	28	Adapter	SMA Male to UHF Male		N	G	1



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SMA ADAPTERS



FIG. 29
RSA-3457



FIG. 30
RSA-3458



FIG. 31
RSA-3459



FIG. 32
RSA-3470



FIG. 33
RSA-3471



FIG. 34
RSA-3472



FIG. 35
RSA-3473



FIG. 36
RSA-3474



FIG. 37
RSA-3475



FIG. 38
RSA-3476, -1



FIG. 39
RSA-3477, -2



FIG. 40
RSA-3477-03



FIG. 41
RSA-3478



FIG. 42
RSA-3474

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BOY	P/C	DIE
RSA-3457	29	Adapter	SMA Male to UHF Female		N	G	T
RSA-3458	30	Adapter	SMA Male to BNC Female		N	G	T
RSA-3459	31	Adapter	SMA Male to BNC Male		N	G	T
RSA-3470	32	Adapter	SMA Female to Mini UHF Male		N	G	T
RSA-3471	33	Adapter	SMA Female to Mini UHF Female		N	G	T
RSA-3472	34	Adapter	SMA Female to TNC Male		N	G	T
RSA-3473	35	Adapter	SMA Female to TNC Female		N	G	T
RSA-3474	36	Adapter	SMA Female to UHF Male		N	G	T
RSA-3475	37	Adapter	SMA Female to UHF Female		N	G	T
RSA-3476	38	Adapter	SMA Female to BNC Male		N	G	T
RSA-3476-1	38	Adapter	SMA Female to BNC Male		G	G	T
RSA-3477	39	Adapter	SMA FEMALE TO N FEMALE		N	G	T
RSA-3477-03	40	Bulkhead Adapter	SMA Female to N Female Feed Through with Gasket & Double D-Flat		N	G	T
RSA-3477-2	39	Adapter	SMA Female to N Female		S	G	T
RSA-3478	41	Adapter	SMA Female to N Male		N	G	T
RSA-3474	42	Adapter	SMA Male to MHF Jack		G	G	T

TNC ADAPTERS



PLATING SPECIFICATIONS

Body: C - Black Chrome N - Nickel Pin/Contact: G - Gold Dielectric: T - PTFE



FIG. 1
RFE-6108



FIG. 2
RFE-6109



FIG. 3
RFE-6155



FIG. 4
RFT-1224



FIG. 5
RFT-1225



FIG. 6
RFT-1226



FIG. 7
RFT-1227



FIG. 8
RFT-1228



FIG. 9
RFT-1229



FIG. 10
RFT-1230



FIG. 11
RFT-1231



FIG. 12
RFT-1232



FIG. 13
RFT-1233



FIG. 14
RFT-1234



FIG. 15
RFT-1234-11



FIG. 16
RFT-1235

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFE-6108	1	Adapter	FME Male to TNC Male		N	G	T
RFE-6109	2	Right Angle Adapter	FME Male to TNC Male		N	G	T
RFE-6155	3	Adapter	FME Female to TNC Male		N	G	T
RFT-1224	4	Panel Adapter	TNC Male to TNC Male		N	G	T
RFT-1225	5	Panel Adapter	TNC Female to TNC Female	AMP 221325-1, AMPH. 31-4791 M539012/33-00001	N	G	T
RFT-1226	6	Bulkhead Adapter	TNC Female to TNC Female with O-Ring	AMP 221500-1 M539012/34-00001	N	G	T
RFT-1227	7	Right Angle Adapter	TNC Female to TNC Male	M539012/32-00001	N	G	T
RFT-1228	8	T-Adapter	TNC Male to TNC Double Female	M539012/35-00001	N	G	T
RFT-1229	9	T-Adapter	TNC Triple Female		N	G	T
RFT-1230	10	Adapter	TNC Female to BNC Male		N	G	T
RFT-1231	11	Adapter	TNC Male to BNC Female		N	G	T
RFT-1232	12	Adapter	TNC Female to BNC Female	M539012/37-00001	N	G	T
RFT-1233	13	Adapter	TNC Female to N Male		N	G	T
RFT-1234	14	Adapter	TNC Male to N Female		N	G	T
RFT-1234-11	15	Right Angle Adapter	TNC Male to N Female		N	G	T
RFT-1235	16	Adapter	TNC Male to UHF Female		N	G	T



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TNC ADAPTERS



FIG. 17
RFT-1236



FIG. 18
RFT-1237



FIG. 19
RFT-1238



FIG. 20
RFT-1239



FIG. 21
RFT-1240



FIG. 22
RFT-1240-1



FIG. 23
RFT-1241-4



FIG. 24
RFT-1241-5



FIG. 25
RFT-1241-6



FIG. 26
RFT-1242



FIG. 27
RFT-1243



FIG. 28
RFU-623



FIG. 29
RFU-623-5



FIG. 30
RFU-633



FIG. 31
RSA-3472



FIG. 32
RSA-3473

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFT-1236	17	Adapter	TNC Female to UHF Male		N	G	T
RFT-1237	18	Adapter	TNC Male to RCA Female		N	G	T
RFT-1238	19	Adapter	TNC Female to RCA Male		N	G	T
RFT-1239	20	Adapter	TNC Female to N Female		N	G	T
RFT-1240	21	Adapter	TNC Female to FME Female (Euro Nipple)	use with Technophone Cellular	N	G	T
RFT-1240-1	22	Adapter	TNC Female to FME Female (Euro Nipple) Black	use with Technophone Cellular	C	G	T
RFT-1241-4	23	Adapter	TNC Female to SMA (Motorola) Female	use with Motorola Cellular	N	G	T
RFT-1241-5	24	Adapter	TNC Female to SMA (OKI 900) Female	use with OKI 900 Cellular	N	G	T
RFT-1241-6	25	Adapter	TNC Female to SMA Male		N	G	T
RFT-1242	26	Adapter	TNC Male (Quick Disconnect) to TNC Female		N	G	T
RFT-1243	27	Adapter	TNC Female to NEC P3, P4, P110 Cellular, Black		C	G	T
RFU-623	28	Adapter	Mini UHF Male to TNC Female	Motorola 5880367824	N	G	T
RFU-623-5	29	Adapter	Mini UHF Male Quick Disconnect to TNC Female		N	G	T
RFU-633	30	Right Angle Adapter	Mini UHF Male to TNC Female		N	G	T
RSA-3472	31	Adapter	SMA Female to TNC Male		N	G	T
RSA-3473	32	Adapter	SMA Female to TNC Female		N	G	T



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UHF ADAPTERS

PLATING SPECIFICATIONS

Body: N - Nickel S - Silver Pin/Contact: G - Gold S - Silver Dielectric: D - Delrin DAP - DiallylPhthalate T - PTFE



FIG. 1
RFB-1136



FIG. 2
RFB-1137



FIG. 3
RFE-6112



FIG. 4
RFN-1034-1



FIG. 5
RFN-1035-1



FIG. 6
RFN-1036-1



FIG. 7
RFT-1235



FIG. 8
RFT-1236



FIG. 9
RFU-530, -S,
-531, -1, -S



FIG. 10
RFU-532



FIG. 11
RFU-533



FIG. 12
RFU-534

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	ENABLES USE WITH THESE CABLE GROUPS	REPLACES OR EQUIVALENT TO	PLATING		
						BOY	P/C	DIE
RFB-1136	1	Adapter	BNC Male to UHF Female		UG-255A/U	N	G	D
RFB-1137	2	Adapter	BNC Female to UHF Male		UG-273/U	N	S	D
RFE-6112	3	Adapter	FME Male to UHF Male			N	G	T
RFN-1034-1	4	Adapter	N Female to UHF Female		UG-301/U	S	G	T
RFN-1035-1	5	Adapter	N Male to UHF Female		UG-146/U, A/U	S	G	T
RFN-1036-1	6	Adapter	N Female to UHF Male		UG-83A/U, B/U	S	G	T
RFT-1235	7	Adapter	TNC Male to UHF Female			N	G	T
RFT-1236	8	Adapter	TNC Female to UHF Male			N	G	T
RFU-530	9	Reducer/Adapter	Use with RFN-1001-S, RFU-500 & RFU-501	C, C1, C2	UG-175/U	N	-	-
RFU-530-S	9	Reducer/Adapter	Use with RFN-1001-S, RFU-500 & RFU-501	C, C1, C2	UG-175/U	S	-	-
RFU-531	9	Reducer/Adapter	Use with RFN-1001-S, RFU-500 & RFU-501	D, P, X	UG-176/U	N	-	-
RFU-531-1	9	Reducer/Adapter	Use with RFN-1001-S, RFU-500 & RFU-501	D, P, X	UG-176/U	N	-	-
RFU-531-S	9	Reducer/Adapter	Use with RFN-1001-S, RFU-500 & RFU-501	D, P, X	UG-176/U	S	-	-
RFU-532	10	Right Angle Adapter	UHF Male to UHF Female		UG-646/U	N	S	D
RFU-533	11	T Adapter	UHF Double Female to UHF Male		M-358	N	S	D
RFU-534	12	T Adapter	UHF Triple Female			N	S	D



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UHF ADAPTERS



FIG. 13
RFU-536



FIG. 14
RFU-537, -50



FIG. 15
RFU-538



FIG. 16
RFU-545



FIG. 17
RFU-621



FIG. 18
RFU-645



FIG. 19
RSA-3457



FIG. 20
RSA-3475

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	ENABLES USE WITH THESE CABLE GROUPS	REPLACES OR EQUIVALENT TO	PLATING		
						BOY	P/C	DIE
RFU-536	13	Barrel Adapter	UHF Female to UHF Female		PL-258	N	S	DAP
RFU-537	14	Bulkhead Adapter	UHF Female to UHF Female with Hardware		UG-363/U	N	S	D
RFU-537-50	14	Barrel Adapter	UHF Female to UHF Female No Hardware		UG-363/U	N	S	D
RFU-538	15	Barrel Adapter	UHF Male to UHF Male			N	S	T
RFU-545	16	Adapter	UHF Female to BNC Female			N	S	D
RFU-621	17	Adapter	Mini UHF Male to UHF Female		Motorola 5680367822	N	G	T
RFU-645	18	Adapter	Mini UHF Male to UHF Male			N	S	D
RSA-3457	19	Adapter	SMA Male to UHF Female			N	G	T
RSA-3475	20	Adapter	SMA Female to UHF Female			N	G	T



MINI-UHF ADAPTERS

PLATING SPECIFICATIONS

Body: C - Black Chrome N - Nickel Pin/Contact: G - Gold S - Silver T - Tin Dielectric: D - Delrin T - PTFE



FIG. 1
RFE-6104



FIG. 2
RFE-6105



FIG. 3
RFE-6152



FIG. 4
RFE-6153



FIG. 5
RFU-620



FIG. 6
RFU-621



FIG. 7
RFU-622



FIG. 8
RFU-623



FIG. 9
RFU-623-5



FIG. 10
RFU-624



FIG. 11
RFU-625, -03



FIG. 12
RFU-626

PHOTOS FOR REFERENCE ONLY. SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BOY	P/C	DIE
RFE-6104	1	Adapter	FME Male to Mini UHF Female		N	G	D
RFE-6105	2	Adapter	FME Male to Mini UHF Male		N	G	D
RFE-6152	3	Adapter	FME Female to Mini UHF Female		N	G	T
RFE-6153	4	Adapter	FME Female to Mini UHF Male		N	G	T
RFU-620	5	Adapter	Mini UHF Male to N Female	Motorola 5880367821	N	G	T
RFU-621	6	Adapter	Mini UHF Male to UHF Female	Motorola 5880367822	N	G	T
RFU-622	7	Adapter	Mini UHF Male to BNC Female	Motorola 5880367823 (58C83488R01)	N	G	T
RFU-623	8	Adapter	Mini UHF Male to TNC Female	Motorola 5880367824	N	G	T
RFU-623-5	9	Adapter	Mini UHF Male Quick Disconnect to TNC Female		N	G	T
RFU-624	10	Adapter	Mini UHF Male to Mini-UHF Male		N	G	T
RFU-625	11	Adapter	Mini UHF Female to N Male	Motorola 5880367826	N	G	T
RFU-625-03	11	Adapter	Mini UHF Female to N Male	Motorola 5880367826	N	S	T
RFU-626	12	Adapter	Mini UHF Female to UHF Male	Motorola 5880367827	N	G	T



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MINI-UHF ADAPTERS



FIG. 13
RFU-627



FIG. 14
RFU-628



FIG. 15
RFU-629



FIG. 16
RFU-630



FIG. 17
RFU-630-1



FIG. 18
RFU-630-6, -7, -8



FIG. 19
RFU-631



FIG. 20
RFU-632



FIG. 21
RFU-633



FIG. 22
RFU-642



FIG. 23
RFU-643



FIG. 24
RFU-645



FIG. 25
RSA-3451



FIG. 26
RSA-3470



FIG. 27
RSA-3471

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFU-627	13	Adapter	Mini UHF Female to BNC Male	Motorola 5880367828	N	G	T
RFU-628	14	Adapter	Mini UHF Female to TNC Male	Motorola 5580367829	N	G	T
RFU-629	15	Barel Adapter	Mini UHF Female to Mini UHF Female	Motorola 5580367830	N	G	T
RFU-630	16	Right Angle Adapter	Mini UHF Male to Mini UHF Female, Millered	Amphenol 81-121	N	G	T
RFU-630-1	17	Right Angle Adapter	Mini UHF Male to 2.5" Ext. Mini UHF Female, Black Body		C	G	T
RFU-630-6	18	Right Angle Adapter	Mini UHF Male to Mini UHF Female, with Square Body	Motorola 58C83488R02	N	G	T
RFU-630-7	18	Right Angle Adapter	Mini UHF Male to Mini UHF Female, with Square Body		N	T	T
RFU-630-8	18	Right Angle Adapter	Mini UHF Male to Mini UHF Female, with Square Body	Motorola 58C80643801	N	T	T
RFU-631	19	T-Adapter	Mini UHF Male to Mini UHF Double Female		N	S	T
RFU-632	20	T-Adapter	Mini UHF Triple Female		N	S	T
RFU-633	21	Right Angle Adapter	Mini UHF Male to TNC Female		N	G	T
RFU-642	22	Adapter	Mini UHF Female to SMA (Motorola) Female	for Motorola Cellular	N	G	T
RFU-643	23	Adapter	Mini UHF Male Quick Disconnect to Mini UHF Female		N	G	T
RFU-645	24	Adapter	Mini UHF Male to UHF Male		N	S	D
RSA-3451	25	Adapter	SMA Male to Mini UHF Male		N	G	T
RSA-3470	26	Adapter	SMA Female to Mini UHF Male		N	G	T
RSA-3471	27	Adapter	SMA Female to Mini UHF Female		N	G	T



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SPECIALTY ADAPTERS

PLATING SPECIFICATIONS

Body: C - Black Chrome G - Gold N - Nickel Pin/Contact: G - Gold S - Silver T - Tin Dielectric: PE - polyethylene P - PTFE



FIG. 1
RFB-1141



FIG. 2
RFB-1142, -4, -5, -6



FIG. 3
RFB-1145,
-1745



FIG. 4
RFF-1478



FIG. 5
RFT-1240



FIG. 6
RFT-1240-1



FIG. 7
RSA-3406



FIG. 8
RSA-3407-1



FIG. 9
RSA-3407-4-03, -4-LF



FIG. 10
RSA-3408-1



FIG. 11
RMC-6021

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	REPLACES OR EQUIVALENT TO	PLATING		
					BDY	P/C	DIE
RFB-1141	1	Adapter	BNC Female to Phono Plug (Motorola) for GP 300, P110 & P120	HLN9756A	N	G	T
RFB-1142	2	Adapter	BNC Female to SMA Female	UNIDEN / Johnson SMR	N	G	T
RFB-1142-4	2	Adapter	BNC Female to SMA (Motorola) Female	Use with Motorola Cellular	N	G	T
RFB-1142-5	2	Adapter	BNC Female to SMA Female (OKI 900)	Use with OKI 900 Cellular	N	G	T
RFB-1142-6	2	Adapter	BNC Female to SMA (Motorola) Female Q/D*	*1.5 Turns	N	G	T
RFB-1145	3	Adapter	BNC Female to 1/4 x 24 Stud	for Kenwood Portables TK240 & TK340	N	S	T
RFB-1245	3	Straight Adapter	BNC Female to 1/4x24 Stud, for Kenwood TK240, TK340	Midland 70-1034	N	S	T
RFF-1478	4	Adapter	F Female to 3.5 Mono Plug		N	T	PE
RFT-1240	5	Adapter	TNC Female to FME Female (Euro Nipple)	use with Technophone Cellular	N	G	T
RFT-1240-1	6	Adapter	TNC Fem to FME Female (Euro Nipple) Black	use with Technophone Cellular	C	G	T
RSA-3406	7	Adapter	SMA Female to SMB Jack		N	G	T
RSA-3407-1	8	Adapter	SMA Female to Nokia Male		G	G	T
RSA-3407-4-03	9	Right Angle Adapter	SMA Female to DTC4 Nokia		G	G	T
RSA-3407-4-LF	9	Right Angle Adapter	SMA Female to DTC4 Nokia (Easy-snap)		G	G	T
RSA-3408-1	10	Adapter	SMA Female to MMCX Plug		G	G	T
RMC-6021	11		MC Card Plug to SMA Jack Adapter		N	G	T

WIFI AND BROADBAND ADAPTERS (FCC PART 15 UNIQUE ADAPTERS)

PLATING SPECIFICATIONS

Body: G - Gold N - Nickel Pin/Contact: G - Gold Dielectric: T - PTFE



FIG. 1
RP-1015



FIG. 2
RP-1016



FIG. 3
RP-1223



FIG. 4
RP-1234



FIG. 5
RP-3405, -1



FIG. 6
RP-3408-1



FIG. 7
RP-3452



FIG. 8
RP-3453



FIG. 9
RP-3472



FIG. 10
RSE-6701
(shown at 150% size)



FIG. 11
RT-1142



FIG. 12
RT-1226



FIG. 13
RT-1227

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
RP-1015	1	N Male to RP N Female		N	G	T
RP-1016	2	Reverse Polarity, N Male to N Female		N	G	T
RP-1223	3	TNC Jack to Reverse Polarity TNC Plug		N	G	T
RP-1234	4	Reverse Polarity TNC Plug to N Jack		N	G	T
RP-3405	5	Reverse Polarity SMA Male to SMA Female		N	G	T
RP-3405-1	5	Reverse Polarity SMA Male to SMA Female		G	G	T
RP-3408-1	6	Reverse Polarity SMA Female to MMCX Plug		G	G	T
RP-3452	7	Reverse Polarity SMA Male to N Female		N	G	T
RP-3453	8	Reverse Polarity SMA Male to N Male		N	G	T
RP-3472	9	Reverse Polarity SMA Female to RP TNC Male		N	G	T
RSE-6701	10	SMA Jack to GC82 Plug Adapter	Sony/Ericsson GC82 Edgecard	N	G	T
RT-1142	11	BNC Female to SMA Female Adapter	Left Hand Thread on SMA Side	N	G	T
RT-1226	12	TNC Female to TNC Female Bulkhead Adapter	with O Ring Plus Left Hand Threads Both Ends	N	G	T
RT-1227	13	TNC Male to TNC Female Right Angle Adapter	Left Hand Threads Both Ends	N	G	T



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Revised 7-07-2013

UNIDAPT™ ADAPTERS

PLATING SPECIFICATIONS

Body: **S** - Silver **WB** - White Bronze Pin/Contact: **G** - Gold Dielectric: **T** - PTFE



FIG. 1
PT-4000-001,
PT-4000-001-WB



FIG. 2
PT-4000-002,
PT-4000-002-WB



FIG. 3
PT-4000-003,
PT-4000-003-WB



FIG. 4
PT-4000-004,
PT-4000-004-WB



FIG. 5
PT-4000-005,
PT-4000-005-WB



FIG. 6
PT-4000-006,
PT-4000-006-WB



FIG. 7
PT-4000-007,
PT-4000-007-WB



FIG. 8
PT-4000-008,
PT-4000-008-WB



FIG. 9
PT-4000-009,
PT-4000-009-WB



FIG. 10
PT-4000-010,
PT-4000-010-WB

PHOTOS FOR REFERENCE ONLY, SHOWN AT 62% ACTUAL SIZE.

Unidapt™ Adapters Kits

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
PT-4000-001	1	Unidapt™ Adapter	Male UHF Section	S	G	T
PT-4000-001-WB	1	Unidapt™ Adapter	Male UHF Section	WB	G	T
PT-4000-002	2	Unidapt™ Adapter	Male Mini-UHF Section	S	G	T
PT-4000-002-WB	2	Unidapt™ Adapter	Male Mini-UHF Section	WB	G	T
PT-4000-003	3	Unidapt™ Adapter	Male N Section	S	G	T
PT-4000-003-WB	3	Unidapt™ Adapter	Male N Section	WB	G	T
PT-4000-004	4	Unidapt™ Adapter	Male BNC Section	S	G	T
PT-4000-004-WB	4	Unidapt™ Adapter	Male BNC Section	WB	G	T
PT-4000-005	5	Unidapt™ Adapter	Male TNC Section	S	G	T
PT-4000-005-WB	5	Unidapt™ Adapter	Male TNC Section	WB	G	T
PT-4000-006	6	Unidapt™ Adapter	Male SMA Section	S	G	T
PT-4000-006-WB	6	Unidapt™ Adapter	Male SMA Section	WB	G	T
PT-4000-007	7	Unidapt™ Adapter	Female UHF Section	S	G	T
PT-4000-007-WB	7	Unidapt™ Adapter	Female UHF Section	WB	G	T
PT-4000-008	8	Unidapt™ Adapter	Female Mini-UHF Section	S	G	T
PT-4000-008-WB	8	Unidapt™ Adapter	Female Mini-UHF Section	WB	G	T
PT-4000-009	9	Unidapt™ Adapter	N Female Section	S	G	T
PT-4000-009-WB	9	Unidapt™ Adapter	N Female Section	WB	G	T
PT-4000-010	10	Unidapt™ Adapter	Female BNC Section	S	G	T
PT-4000-010-WB	10	Unidapt™ Adapter	Female BNC Section	WB	G	T

UNIDAPT™ ADAPTERS



PHOTOS FOR REFERENCE ONLY, SHOWN AT 62% ACTUAL SIZE.

Unidapt™ Adapters Kits

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BDY	P/C	DIE
PT-4000-011	11	Unidapt™ Adapter	Female TNC Section	S	G	T
PT-4000-011-WB	11	Unidapt™ Adapter	Female TNC Section	WB	G	T
PT-4000-012	12	Unidapt™ Adapter	Female SMA Section	S	G	T
PT-4000-012-WB	12	Unidapt™ Adapter	Female SMA Section	WB	G	T
PT-4000-013	13	Unidapt™ Adapter	Universal Center Section	S	G	T
PT-4000-013-WB	13	Unidapt™ Adapter	Universal Center Section	WB	G	T
PT-4000-014	14	Unidapt™ Adapter	Unidapt™ to RCA Male	S	G	T
PT-4000-015	15	Unidapt™ Adapter	Female RCA Phone Jack	S	G	T
PT-4000-016	16	Unidapt™ Adapter	Female F Section	S	G	T
PT-4000-017	17	Unidapt™ Adapter	F Male Section	S	G	T
PT-4000-026	18	Unidapt™ Adapter	Right Angle Adapter	S	G	T
PT-4000-027	19	Unidapt™ Adapter	T Adapter	S	G	T
PT-4000-101	20	Unidapt™ Adapter	Female to Motorola SMA Female Adapter	S	G	T
PT-4000-104	21	Unidapt™ Adapter	Male to NEC 9A Male Adapter	S	G	T
PT-4000-108	22	Unidapt™ Adapter	Female to Oki 900 Female Adapter	S	G	T
PT-4000-109	23	Unidapt™ Adapter	Nokia P4000 Section (Cellular)			
PT-4000-112	24	Unidapt™ Adapter	FME Male Adapter	S	G	T
PT-4000-113	25	Unidapt™ Adapter	Unidapt™ Female to SMB Jack Adapter	S	G	T
PT-4000-114	26	Unidapt™ Adapter	Unidapt™ Female to SMB Plug Adapter	S	G	T
PT-4000-115	27	Unidapt™ Adapter	Unidapt™ Female to MCX Plug Adapter	S	G	T
PT-4000-116	28	Unidapt™ Adapter	Unidapt™ Female to MCX Jack Adapter	S	G	T
PT-4000-117	29	Unidapt™ Adapter	Unidapt™ Female to MMCX Plug Adapter	S	G	T
PT-4000-118	30	Unidapt™ Adapter	Unidapt™ Female to Jack Adapter	S	G	T



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UNIDAPT™ ADAPTERS



FIG. 31
PT-4000-119



FIG. 32
PT-4000-120



FIG. 33
PT-4000-133



FIG. 34
PT-4000-134



FIG. 35
PT-4000-135



FIG. 36
PT-4000-136



FIG. 37
PT-4000-150



FIG. 38
PT-4010-001



FIG. 39
PT-4010-002



FIG. 40
PT-4010-020



FIG. 41
PT-4010-021



FIG. 42
PT-4010-030



FIG. 43
PT-4010-062

PHOTOS FOR REFERENCE ONLY, SHOWN AT 62% ACTUAL SIZE.

Unidapt™ Adapters Kits

PART #	FIG	DESCRIPTION	NOTES	PLATING		
				BOY	P/C	DIE
PT-4000-119	31	Unidapt™ Adapter	Unidapt™ Female to 7/16 DIN Male Adapter	S	G	T
PT-4000-120	32	Unidapt™ Adapter	Unidapt™ Female to 7/16 Female Adapter	S	G	T
PT-4000-133	33	Unidapt™ Adapter	Unidapt™ Female to SMA Reverse Polarity Plug Adapter	S	G	T
PT-4000-134	34	Unidapt™ Adapter	Unidapt™ Female to SMA Reverse Polarity Jack Adapter	S	G	T
PT-4000-135	35	Unidapt™ Adapter	Unidapt™ Female to TNC Reverse Polarity Plug Adapter	S	G	T
PT-4000-136	36	Unidapt™ Adapter	Unidapt™ Female to TNC Reverse Polarity Jack Adapter	S	G	T
PT-4000-150	37	Unidapt™ Adapter	Unidapt™ Adapter Female to Female	S	G	T
PT-4010-001	38	Unidapt™ Adapter	Range Plate for BIRD, #43 Wattmeter	S	G	T
PT-4010-002	39	Unidapt™ Adapter	Range Plate BIRD 4304, Telewave #44 Wattmeter	S	G	T
PT-4010-020	40	Unidapt™ Adapter	Unidapt™ Female to Double Binding Post (Red & Black)	S	G	T
PT-4010-021	41	Unidapt™ Adapter	Unidapt™ Female to Double Banana Plug (Red)	S	G	T
PT-4010-030	42	Unidapt™ Adapter	Cable Connector RG-58/U Cable Group C	S	G	T
PT-4010-062	43	Unidapt™ Adapter	Male Bulkhead Solder, Chassis Plug	S	G	T

**Choose an Unidapt™
Adapters Kit for your needs**



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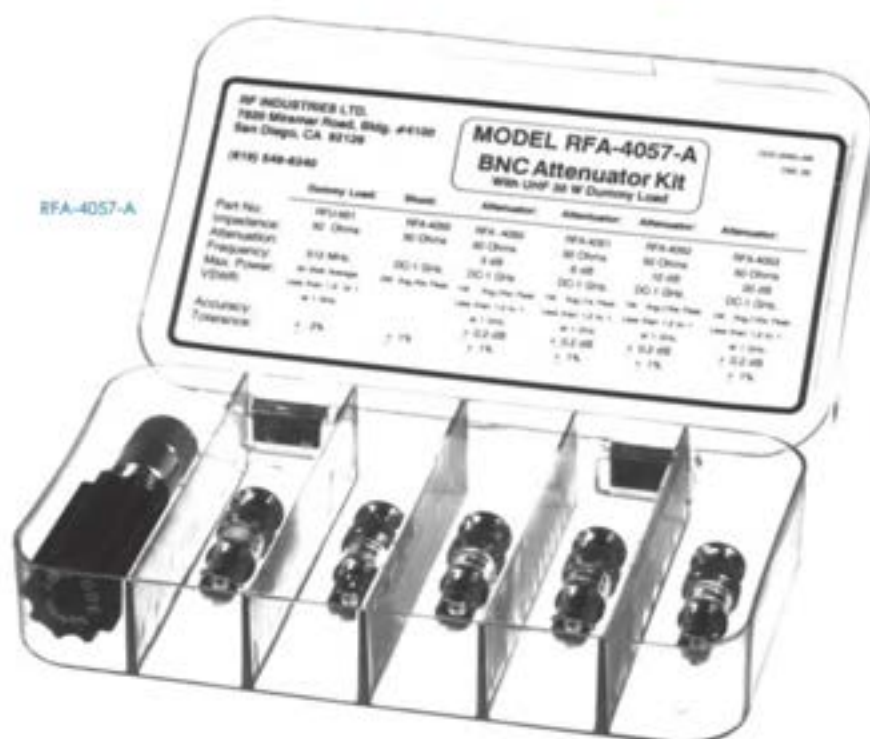
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ATTENUATORS

Dummy Load / Attenuator / Shunt Kit (RFA-4057-A)

Each **RFA-4057-A** kit includes 3, 6, 10, and 20 dB, 50 ohm, 1W BNC attenuators. Also included is a 50 ohm, 2W, BNC Shunt and a 50 ohm, 30W, 300 MHz dummy load. All connectors are nickel plated with silver contacts. This kit is conveniently packaged in a clear plastic case.

All parts sold separately.



RFA-4057-A



BNC Attenuator

- RFA-4050 — 3dB, 50 Ohm, 1 WATT
- RFA-4051 — 6dB, 50 Ohm, 1 WATT
- RFA-4052 — 10dB, 50 Ohm, 1 WATT
- RFA-4053 — 20dB, 50 Ohm, 1 WATT



UHF Dummy Load
50 ohm, 30 watt,
300 MHz
RFU-551



BNC Shunt 50 ohm, 2 watt
RFA-4055

ATTENUATORS

Toggle Switch Attenuator (RFA-4056-03)

Attenuation range of 0-31 dB in 1 dB steps



- BNC male and female ports
- Impedance: 50 Ohms
- Frequency range: DC - 1,000 MHz
- Power: 1 Watt average, 500W peak
- VSWR maximum: 1.4:1 @ 1,000 MHz
- Insertion loss: -1 dB max (switches all off)
- Attenuation accuracy:
 - $\pm .2$ dB per step DC - 500 MHz
 - $\pm .3$ dB per step 501-1,000 MHz

Preparation and Installation Tools and Accessories



Crimp tools and kits, cutters, strippers, and pliers and more

[N Connector Installation Kits](#)

[Heavy-duty, Professional Grade Coaxial Crimper and Kits](#)

[Commercial Grade Coaxial Crimper and Kits](#)

[Coaxial Crimp Die Sets](#)

[Stripping and Preparation Tools](#)

[Wire Cutters](#)

[Pliers](#)

[Terminal Crimp Kits](#)

[Solderless Terminal Dies](#)

[Modular Installation Kits](#)

[Modular Handtools](#)

[Comprehensive List of Dies](#)

3 ways to buy



In a Kit

- Rugged construction
- Foam lined
- Keep related items in one place
- Portable convenience
- Protection from the elements



Boxed Sets

- Crimp handle
- With die of your choice installed
- Buy only what you need
- Kept together in a cardboard box



Ala Carte

- Single piece
- Buy only what you need

N Connector Installation Kits

CONNECTORS

ADAPTERS

TOOLS

TOOLS & Acc.

KITS

LEGACY

REFERENCE

KIT

One kit provides everything
for LMR®-400 N connector installation



Refer part
numbers in
table below

- Each kit contains:
- ① Assembly Instructions
 - ② RFA-4009-20 — Professional Grade Crimp Tool and Die with RFA-4009-05 — Die for hex cavities: .100", .118", .429"
 - ③ RFA-4420 — Cable Devil™ Preparation Tool
 - ④ RFA-4206 — Professional Grade Cable Cutter
 - ⑤ RFA-4400 Series — 1-Step Cable Stripper Series
 - ⑥ 25 pc. N Connectors — select one connector part number from chart below

Kit	25 pieces of 1 N-type Connector of your choice	Description	Cable Group	Replacement cartridge for RFA-4400 tool
RFA-4511-01	RPN-1006-3I	Male Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-01C
RFA-4511-02	RPN-1006-6I	Male Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-02C
RFA-4511-03	RPN-1006-9I	Male Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-03C
RFA-4511-04	RPN-1006-3E	Male Crimp Plug for RG-8/U	E	RFA-4400-01C
RFA-4511-05	RPN-1006-1	Male Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-01C
RFA-4511-06	RPN-1006-PL	Male Crimp Plug for Belden 89913 Plenum	PL	RFA-4400-01C
RFA-4511-07	RPN-1026	Female Crimp Jack for RG-8/U	E	RFA-4400-01C
RFA-4511-08	RPN-1026-I	Female Crimp Jack for Belden 9913 & Times LMR-400	I	RFA-4400-01C
RFA-4511-09	RPN-1009-I	Male Right Angle Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-02C
RFA-4511-10	RPN-1006-1-WB	Male Crimp Plug for Belden 9913 & Times LMR-400	I	RFA-4400-01C
RFA-4511-NC-1		Installation kit contains no connectors with RFA-4400-01 Stripper		RFA-4400-01C
RFA-4511-NC-2		Installation kit contains no connectors with RFA-4400-02 Stripper		RFA-4400-02C



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Revised 7-07-2013

Professional Grade Coax Crimper & Kits

One kit crimps most coaxial connectors



- Professional steel piston ratcheting crimp tool
- Changeable die sets
- Crimps most LMR-100 to LMR-600 size connectors
- Tool for quick die removal
- Rugged, foam-lined case

RFA-4009-200 (Delux Kit) — 1 handle plus all 5 dies

RFA-4009 (Basic Kit) — 1 handle plus 2 most popular dies

(DIES RFA-4009-01 AND RFA-4009-05 shown below)



Crimp Handle and Specific Hex Die Boxed Separately



Crimp Tool and Die in Cardboard Box	For RF Connectors Brand Cable Groups	Contains this Die (see hex cavities below)
RFA-4009-201	L2	RFA-4009-01
RFA-4009-203	D, P, X, W	RFA-4009-03
RFA-4009-204	B, J, S	RFA-4009-04
RFA-4009-205	E, F, L, R	RFA-4009-05
RFA-4009-206	C, C1, C2	RFA-4009-06

RFA-4009-20—Professional Grade Crimp Tool

[See Complete List of Dies](#)



- Steel piston ratcheting
- Cushion grip handle
- Blue anodized finish
- Weight: 1.3 lb.
- Equivalent to M22520/5-01
- Designed for ease of crimping
- Easier compression on larger ferrules
- Auto release when crimp complete
- Tool for quick die removal
- Accommodates up to LMR-600 or other .6-inch low-loss cable



Individual dies



RFA-4009-01
Hex cavity: .610"



RFA-4009-03
Hex cavities: .042", .068", .255"



RFA-4009-04
Hex cavities: .068", .130", .178"



RFA-4009-05
Hex cavities: .100", .118", .429"



RFA-4009-06
Hex cavities: .068", .100", .213"



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100

Revised 7-07-2013

Commercial Grade Coax Crimper & Kits

Kit

RFA-4005-520—Versatile and economical coax crimp & strip kit

- Ratchet crimp handle (shown below)
- Coaxial stripper (shown below)
- 10 changeable die sets ([see list of dies and specs](#))
- Crimps hex cavities from 0.042 to 0.429 inch across the flats
- Crimps most coaxial connectors and contacts
- Rugged, foam-lined case

See kit variations on following page.

All
Crimp

VERSATILE CRIMPER—Works for both terminal and coaxial applications

RFA-4005-20—Ratchet Crimp Handle

- Ratchet action with auto release with completed crimping
- High-carbon, heat-treated stamped steel
- Smooth, rapid die closure
- Disengagement lever for quick release
- Simple adjustment for die size and pressure requirements



Crimp handle is sold with specific dies

RFA-4087—Coax Stripping Tool With Adjustable Blades

RFA-4087

- Die cast zinc body
- Adjustable SK-5 blade
- Two or three step stripping
- 9.25mm to 10.8mm (.364 to .425 inches)
- For RG-8, 11, 213, 214/7, 9913 AND 9914
- Perfect for larger coax stripping needs



Replacement blades
(6 per package)
RFA-4087-R14

NOTE: This tool is designed to produce the primary cuts. You will need to refer to the strip length dimensions on our drawing and manually adjust the final cuts accordingly.

For more information



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101

Revised 7-07-2013

Commercial Grade Coax Kit Variations

Kit

RFA-4006-500—Deluxe Crimping Tool and Die Kit

- Our most complete crimp kit
- RFA-4005-20—2 crimp handles
- 17 changeable die sets
[Complete list of Commercial Grade dies](#)
- Crimp coax cable terminals
- From RG-174/U to LMR-400 (AWG 8-22)
- Rugged, foam-lined case



Expandable Crimping Tool and Die Kits

- Crimper(s) housed in durable, padded self-storage case
- Room for additional dies of your choice



RFA-4005

RFA-4005-20—1 Crimper
RFA-4005-01 and RFA-4005-02 Dies



RFA-4006

2 Crimper RFA-4005-20
RFA-4005-01 and RFA-4005-02-02 Dies



RFA-4005-100

RFA-4005-20—1 Crimper and
RFA-4005-01—Die



RFA-4005-200

RFA-4005-20—1 Crimper
RFA-4005-02—Die



RFA-4005-501

RFA-4005-20—1 Crimper
RFA-4005-01, RFA-4005-02,
RFA-4005-05, RFA-4005-06,
RFA-4005-07 & RFA-4005-10
Dies

[See Commercial Grade dies](#)



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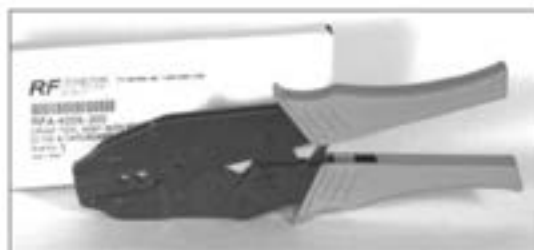
Commercial Grade Coax Crimp Die Sets

Boxed Sets

Coax HEX Dies for RFA-4005-20 Crimper

Buy separately or with tool

For your convenience we offer our commercial grade crimp dies conveniently packaged with the RFA-4005-20 crimp handle in a cardboard box.



- Ratchet action with auto release with completed crimping
- High-carbon, heat-treated stamped steel
- Smooth, rapid die closure
- Disengagement lever for quick release
- Simple adjustment for die size and pressure requirements

Specific Die	Part Number for Die with Crimp Tool in Cardboard Box
RFA-4005-01	RFA-4005-400
RFA-4005-02	RFA-4005-300
RFA-4005-04	RFA-4005-304
RFA-4005-05	RFA-4005-305
RFA-4005-06	RFA-4005-306
RFA-4005-07	RFA-4005-307
RFA-4005-08	RFA-4005-308
RFA-4005-09	RFA-4005-309
RFA-4005-10	RFA-4005-310
RFA-4005-14	RFA-4005-314



RFA-4005-01

RG-58/U, RG-59/U, RG-142/U, RG-223/U, RG-400/U, RG-8X, Proflex and various video cables, cavity dimensions: .052", .068", .100", .213" and .255"



RFA-4005-07

.213", .178", .068", .042", for RG-58/U, RG-174/U, RG-316/U Coax Connectors (RFI Cable Groups B and C)



RFA-4005-02

RG-8/U, RG-213/U, RG-214/U, and Belden 9913 cables, cavity dimensions: .100", .128" & .429". The .128" cavity crimps the center pin on Belden 9913 cable.



RFA-4005-08

.324", .255", .068", .042", for RG-59/U and Belden 8281 Coax Cable (RFI Cable Groups D and G)



RFA-4005-04

.239", .068", .319", for RG-58/U, RG-59/U, RG-62/U and Cambridge connectors series CP-88 & CP-89



RFA-4005-09

.178", .130", .068", for RG-174/U, RG-188/U, RG-316/U and Mini 59/U Coax Connectors (RFI Cable Group B)



RFA-4005-05

.155", .184", .215"



RFA-4005-10

.080", .100", .429" for RG-8/U, RG-11/U and RG-213/U (RFI Cable Group E)



RFA-4005-06

.255", .324", .360" for RG-59/U, RG-6/U, and F-Type (CATV) Coax Connectors



RFA-4005-14

Belden 9913, LMR®-400, WBC-400 (RFI Cable Group I); .429", .118" hex cavities

RFA-4089—Miniature Pin Crimping Tool

- For Coax and D-Subminiature crimp pins
- Crimps smaller than .042" (AWG 20 to AWG 22)
- Movable die crimps many different pin sizes
- 4-point die action



RFA-4089



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Revised 7-07-2013

Stripping and Preparation Tools

RFA-4420 — Cable Devil™ Preparation Tool



As shown in our
N Connector Installation Kit



RFA-4420

Replacement
Blades
RFA-4420-RB



Scraping

- Durable plastic body
- Fits comfortably in either hand
- Integrated bevel tool
- Long-lasting reversible teeth
- Cleans away jacket and dielectric without scoring
- Scrapes bonded dielectric from center conductors
- Bevels and removes burrs from center conductor with one twist



Before deburring



After deburring



Deburring

RFA-4400 — Series Cable Stripper for LMR®-400 size cable



As shown in our
N Connector Installation Kit



RFA-4400 series

- Ergonomic design
- Cut jacket, braid & dielectric in one step
- Tool steel twin blades in easily replaced cartridges
- Cartridges configured for specific LMR-400 cable connectors
- No guesswork
- Cartridges interchangeable within series

WITH FIXED
BLADES



Stripping

Tool	Replacement Cartridge	For Cable Size	Connector Part Number	Connector Description
RFA-4400-01 Handle with installed cartridge	RFA-4400-01C (3 piece crimp connector) 	LMR-400	RFN-1006-3E	3 Piece Male Crimp Plug for RG-8/U
		LMR-400	RFN-1006-3I	3 Piece Male Crimp Plug for Belden 9913 & Times LMR-400
		LMR-400	RFN-1006-I	3 Piece Male Crimp Plug for Belden 9913 & Times LMR-400
		LMR-400	RFN-1006-PL	3 Piece Male Crimp Plug for Belden 8913 Plenum
		LMR-400	RFN-1028	3 Piece Female Crimp Jack for RG-8/U
		LMR-400	RFN-1028-I	3 Piece Female Crimp Jack for Belden 9913 & Times LMR-400
RFA-4400-02 Handle with installed cartridge	RFA-4400-02C (2 piece crimp connector) 	LMR-400	RFN-1006-8I	2 Piece Male Crimp Plug for Belden 9913 & Times LMR-400
		LMR-400	RFN-1006-9I	2 Piece Male Crimp Plug for Belden 9913 & Times LMR-400
		LMR-400	RFN-1009-I	2 Piece Male Right Angle Crimp Plug for Belden 9913 & Times LMR-400

Contact us for more information on the LMR-600



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Revised 7-07-2013

We've got the stripping tools for your applications

RFA-4086 — Series Coax Stripping Tool With Fixed Blades

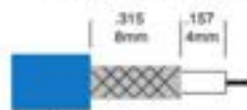
Features:

- Part number indicates blade cartridge (see below)
- Easy insert, close and rotate process
- Stripping length: 4mm to 12 mm
- LMR®-240, LMR®-195 and LMR®-200
- All strippers fit RG-6/U, 58/U, 59/U and 142/U
- Replaceable blades
- For left or right hand use



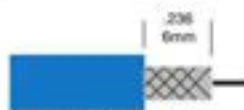
RFA-4086 SERIES

NOTE: This tool is designed to produce the primary cuts. You will need to refer to the strip length dimensions on our drawing and manually adjust the final cuts accordingly.



Three step (3 blades)
RFA-4086-003

Replacement Blade
RFA-4086-R03



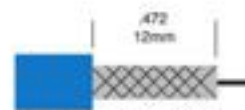
Two step (2 blades)
RFA-4086-006

Replacement Blade
RFA-4086-R06



Two step (2 blades)
RFA-4086-008

Replacement Blade
RFA-4086-R08



Two step (2 blades)
RFA-4086-012

Replacement Blade
RFA-4086-R12

RFA-4087 — Coax Stripping Tool With Adjustable Blades



RFA-4087

NOTE: This tool is designed to produce the primary cuts. You will need to refer to the strip length dimensions on our drawing and manually adjust the final cuts accordingly.

Features:

- Die cast zinc body
- Adjustable blade
- Two or three step stripping
- 9.25mm to 10.8mm (.364 to .425 inches)
- Cable jacket diameter
- For RG-8, 11, 213, 214/U, 9913 AND 9914
- Perfect for larger coax stripping needs

adjustable blades



Replacement blades
(6 per package)
RFA-4087-R14

1.

2.

3.



Easily remove self-stored wrench.



Adjust to meet your stripping dimensions.



Give it a twirl

Strippers — continued

Wire Strippers (RFA-4213 & RFA-4214)

RFA-4213 — for AWG 14, 16, 18 and 24

RFA-4214 — for AWG 10, 12, 14, 16 and 20



Wire Strippers and Cutters (RFA-4215 & RFA-4216)



RFA-4215

For AWG 10 to 22



RFA-4216

For AWG 20 to 30

RFA-4208—Terminal Crimper

- Open barrel tool
- For stamped, D-sub, and double D high density, miniature contacts



RFA-4208

RFA-4209—Terminal Crimper with Wire Cutter

- Crimper / cutter combination tool
- Crimps insulated & non-insulated terminals



RFA-4209

RFA-4210—Impact Punchdown Tool

- Enables fast, uniform connections
- Seats & terminates shielded or unshielded twisted pair cables
- Rapidly change between 110 and 66 industry standard block termination blades
- Ergonomic design reduces hand fatigue during prolonged use
- Single-push, spring-loaded mechanism triggers blade at just the right point to seat and cut wire to size
- Adjustable impact levels for different gauge cables
- Blades with protection caps included
- Spare blade cartridge housed in tool body, easily removed
- One end for terminating and cutting, other end for terminating only



RFA-4210



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"Porta-Strip" Portable Power Stripping Tool Kits - RFA-4015 & RFA-4016



This hand-held power stripping tool will accommodate most sizes of coaxial cable. The Porta-Strip is the perfect tool for professional installers, broadcast and video studios, small manufacturers, and LAN installers. Small, lightweight, portable, fast and easy to use, the **RFA-4015** is the tool for which every technician has been waiting. Here is the ideal, low-cost, effective alternative to expensive bench strippers.

The **RFA-4015** Portable Power Stripper Kit contains: (1) battery-powered driver; (1) removable NiCad battery pak; (1) 1, 2, 3 or 4-level cutter head; (1) carrying case; (1) A/C charger

The **RFA-4016** kit is the production set-up for the Power Stripper. It is the same as the **RFA-4015** kit except the NiCad battery pak is replaced by the A/C power supply.

Features:

- Quick changes with interchangeable cutter heads to fit all types of cables and connectors
- Factory-set blades last 15,000+ strips
- Hand-held NiCad battery operated
- Light weight & portable
- Rugged ABS carrying case
- AC/DC battery charger is standard
- AC converter is optional
- One Year Warranty covers:

RFA-4015-01 Battery Powered Driver

RFA-4015-02 NiCad Battery Pak

RFA-4015-03 A/C Converter



Separate Accessories Available



RFA-4015-01
Battery powered driver



RFA-4015-02
Removable NiCad
battery pak



RFA-4015-03
A/C charger



RFA-4015-06
D/C charge cord

RFA-4015-03
A/C converter

RFA-4015-04
Carrying case

Standard Cutter Head Limits

The Porta-Strip cutter heads are interchangeable and ordered for specific strip dimensions. Blade depth, however, is fully adjustable. Cutter heads can be ordered for any strip configuration within the limitations shown on the right. If you are unsure of your required settings, simply provide the connector part number, manufacturer and the cable to be used. We can then determine the proper cutter head configuration for your application.



Cable Level



RFA-4015-XX
CUTTER HEAD

Wire Cutters

Wire cutters for small to large diameter

RFA-4204—Heavy Duty Cutter

- 24 inch length
- Excellent leverage for large cables
- Cuts copper and aluminum up to $\varnothing .702"$



RFA-4204

RFA-4203—For Multi-Conductor and Stranded Wire



RFA-4203

- Cuts round cable and multi-conductor cable to .5"
- Cuts coaxial cable up to RG-9/U
- Cuts stranded wire up to $\varnothing .141"$

RFA-4207—Small Diameter Cable Cutter



RFA-4207

For smaller cable such as the center conductor of RG-316/174 as well as RG-58 types.

RFA-4205—Cuts up to 2 AWG



For copper and aluminum cable up to 2 AWG



RFA-4205

RFA-4080-1—Side Cutter

- 4¼ inch long.
- Stainless steel



RFA-4080-1

RFA-4206—Cuts up to 1 AWG



As shown in our
N Connector Installation Kit



RFA-4206

Cuts up to 1 AWG copper and aluminum cable

RFA-4084—Our special Gripper Nipper™



RFA-4084

- 4¼ inches long
- Holds the cut end until you release it



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Kit

Stainless Steel Pliers Kits—with Serrated Jaws or Smooth Jaws



RFA-4080 — serrated jaws
RFA-4081 — smooth jaws

RFA-4080—6-piece kit, serrated jaws

Includes 1 each: RFA-4080-1, -2, -3, -4, -5 and one RFA-4084

RFA-4081—6-piece kit, smooth jaws

Includes 1 each: RFA-4081-1, -2, -3, -4, -5 and one RFA-4084

Why Stainless Steel?

- 1) Stainless steel will not stain, corrode or rust and needs little or no lubrication.
- 2) It is absolutely necessary for clean room use.
- 3) Stainless steel holds a sharper, keener edge longer and needs little, if any, sharpening.
- 4) Stainless steel is stronger, lighter weight, easier cutting, more efficient, and has longer life expectancy.

**Also
Carde**

Stainless Steel Pliers — Sold Separately



Side Cutter Gripper Nipper™

RFA-4084

4 1/4" (108mm) Specially equipped wire cutter holds the cut end until you release it. Prevents flying pieces of wire.



Side Cutter

RFA-4080-1, RFA-4081-1

4 1/4" (108mm) Offers an oblique head for a full flush cut. For copper wire only.



Side Cutter, Round Nose

RFA-4080-2 (Serrated), RFA-4081-2 (Smooth)

4 1/2" (114mm) Use to form wire loops on components.



Bent Nose

RFA-4080-3 (serrated), RFA-4081-3 (smooth)

5" (127mm) Offset jaws for adjusting components in confined spaces.



Flat Long Nose

RFA-4080-4 (serrated), RFA-4081-4 (smooth)

5" (127mm) For bending contact and relay springs, straightening or adjusting IC pins.



Half Round, Long Nose

RFA-4080-5 (serrated), RFA-4081-5 (smooth)

5 1/8" (130mm) Use wherever you now use long nose pliers.



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Revised 7-07-2013

Terminal Crimp Kits

Versatile Crimper—Works for both terminal and coaxial applications

RFA-4005-20—CRIMP HANDLE

- High-carbon, heat-treated stamped steel
- Smooth, rapid die closure
- Disengagement lever for quick release
- Simple adjustment for die size and pressure requirements
- Auto release with completed stripping with correct die size



RFA-4005-20

Terminal Kits—Select the one that works best for you



RFA-4006-500

RFA-4006-500—Deluxe Terminal Crimp Kit

- All available dies for terminal & coaxial applications
- 2 RFA-4005-20 crimp handles
- Foam-lined plastic case
- [For more information](#)



RFA-4005-500

RFA-4005-500—Terminal Crimp Tool Kit

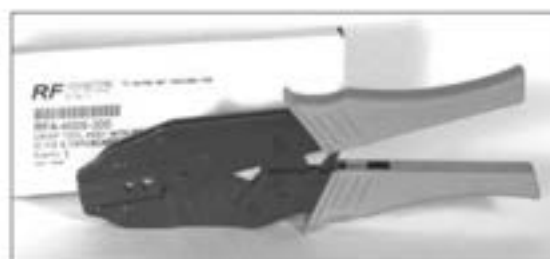
- Cut and crimp all types of insulated and non-insulated strip terminals
- RFA-4215 wire cutter and stripper
- RFA-4005-20 crimp handle
- 7 crimp dies
- Foam-lined plastic case.
- [Find wire cutter](#)



solderless terminal Dies—for RFA-4005-20 Crimper

Buy dies separately or boxed with tool

For your convenience we offer our commercial grade crimp dies separately or conveniently packaged with the RFA-4005-20 crimp handle in a cardboard box.



RFA-4005-20—Crimp Handle

- High-carbon, heat-treated stamped steel
- Smooth, rapid die closure
- Disengagement lever for quick release
- Simple adjustment for die size and pressure requirements
- Auto release with completed stripping with correct die size

Die Alone	Die with Crimp Tool in Cardboard Box
RFA-4005-21	RFA-4005-321
RFA-4005-22	RFA-4005-322
RFA-4005-23	RFA-4005-323
RFA-4005-24	RFA-4005-324
RFA-4005-25	RFA-4005-325
RFA-4005-26	RFA-4005-326
RFA-4005-27	RFA-4005-327



RFA-4005-21
For non-insulated terminals AWG 22-8



RFA-4005-25
For non-insulated open barrel terminal from 0.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10



RFA-4005-22
For non-insulated flag terminals from 0.5 to 2.5 sq.mm. AWG 22-18, 16-14



RFA-4005-26
For non-insulated terminals and cable lugs from 1.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10



RFA-4005-23
For cord end terminals from 0.5 to 10 sq. mm. AWG 22-8



RFA-4005-27
For non-insulated terminals DIN 46234 from 0.5 to 10 sq.mm. AWG 22-18, 16-14, 12-10, and 8



RFA-4005-24
For insulated terminals from 0.5 to 6 sq.mm. AWG 22-18, 16-14, 12-10

Modular Installation Kits

For modular installation—In the field or at the bench



RFA-4221—CAT 5 Panel, Cable Assembly & Test Kit

- RFA-4202 Modular 3-in-1 Tool
- RFA-4218-20 CAT 5 Tester
- RFA-4210 Punch-Down Tool with 2 blades
- (25) RJ45 8P8C plugs
- (25) RJ45 boots



RFA-4220—CAT 5 Cable Assembly & Test Kit

- RFA-4202 Modular 3-in-1 Tool
- RFA-4218-20 CAT 5 Tester
- (25) RJ45 8P8C plugs
- (25) RJ45 boots



RFA-4219—CAT 5 Cable Assembly Kit

- RFA-4202 Modular 3-in-1 Tool
- (25) RJ45 8P8C plugs
- (25) RJ45 boots



RFA-4503—Modular Plug Installation Kit

- RFA-4202 Modular 3-in-1 Tool
- RFA-4210 Punch-Down Tool with 2 blades
- Assortment of RJ-11, RJ-12, and RJ-45 modular plugs
- Foam-lined plastic case.

Kit Components Sold Separately



RFA-4218-20



RFA-4218-20—CAT 5/6 Cable Tester

- EIA/TIA/108base-T100/1000 tester
- RJ45 inputs
- LED display
- Tests 10Base-T pairs: straights, crossovers, miswires



RFA-4210

RFA-4210—Impact Punchdown Tool

- Seats and terminates shielded or unshielded twisted pair cables
- 110 and 66 industry standard block terminations
- [More information](#)

Our Other Testers—available separately or in kits
BNC interface
Unidap™ (universal) interface

Photo (not to scale)	Quantity	Description	Part Number
	25 piece pack	RJ11 Plug: 6 Position, 4 Contact; UL 942V-2 Flame Grade	RJ11-6P4C-25
	100 piece pack		RJ11-6P4C-100
	1,000 piece pack		RJ11-6P4C-1K
	25 piece pack	RJ12 Plug: 6 Position, 6 Contact; UL 942V-2 Flame Grade	RJ12-6P6C-25
	100 piece pack		RJ12-6P6C-100
	1,000 piece pack		RJ12-6P6C-1K
	25 piece pack	RJ45 Plug: FCC Standard; 8 Position, 8 Contact; UL 942V-2 Flame Grade	RJ45-8P8C-25
	100 piece pack		RJ45-8P8C-100
	1,000 piece pack		RJ45-8P8C-1K
	25 piece pack	RJ45 BOOT, VINYL, BLACK	RJ45-BOOT-BK25
	100 piece pack		RJ45-BOOT-BK100
	1,000 piece pack		RJ45-BOOT-BK1K



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Revised 7-07-2013

For Modular Installation

Telephone Modular Tools (RFA-4201 & RFA-4202)

- Connect modular voice/data plugs
- To 4, 6, and 8 conductor wire
- Combined crimping, stripping and cutting in one tool
- Crimp RJ-45, RJ-11, RJ-12 & handset plugs



RFA-4201

RFA-4201—Modular Tool: 3-in-1 for Crimpin Handset 4P4C, 4P2C plugs, 6P6C (RJ-12), 6P4C (RJ-11) Plugs and 8P8C (RJ-45) plugs; Stripping and Cutting for 4, 6 and 8 Conductors Wire



RFA-4202

RFA-4212—Modular Ratcheting Tool: 3-in-1 for Crimpin Handset 4P4C, 4P2C plugs, 6P6C (RJ-12), 6P4C (RJ-11) plugs and 8P8C (RJ-45) Plugs; Stripping and Cutting for 4, 6 and 8 Conductors Wire

Telephone Modular Tools (RFA-4211 & RFA-4212)

- Connect modular voice/data plugs
- To 4, 6, and 8 conductor wire,
- Combined crimping, stripping and cutting in one tool
- Crimp RJ-45, RJ-11, RJ-12 & handset plugs



RFA-4211

RFA-4211—Accommodates 4 (4P/4C - Handset) and 6 (6P/6C RJ-12 and 6P/4C RJ-11) position modular telephone plugs.



RFA-4212

RFA-4212—Accommodates 6 (6P/6C RJ-12) and (6P/4C RJ-11) and 8 (8P/8C RJ-45) position modular telephone plugs.

Comprehensive List of Dies

PROFESSIONAL GRADE COAXIAL DIES		
Photograph	Description	Part Number
	Hex cavity: .610"	RFA-4009-01
	Hex cavities: .042", .068", .255"	RFA-4009-03
	Hex cavities: .068", .130", .178"	RFA-4009-04
	Hex cavities: .100", .118", .429"	RFA-4009-05
	Hex cavities: .068", .100", .213"	RFA-4009-06

COMMERCIAL GRADE MODULAR DIES		
Photograph	Description	Part Number
	For non-insulated terminals AWG 22-8	RFA-4005-21
	For non-insulated flag terminals from 0.5 to 2.5 sq.mm, AWG 22-18, 16-14	RFA-4005-22
	For cord end terminals from 0.5 to 10 sq.mm, AWG 22-8	RFA-4005-23
	For insulated terminals from 0.5 to 6 sq.mm, AWG 22-18, 16-14, 12-10	RFA-4005-24
	For non-insulated open barrel terminal from 0.5 to 6 sq.mm, AWG 22-18, 16-14, 12-10	RFA-4005-25
	For non-insulated terminals and cable lugs from 1.5 to 6 sq.mm, AWG 22-18, 16-14, 12-10	RFA-4005-26
	For non-insulated terminals DIN 46234 from 0.5 to 10 sq.mm, AWG 22-18, 16-14, 12-10, & 8	RFA-4005-27

COMMERCIAL GRADE COAXIAL DIES		
	RG-58/U, RG-59/U, RG-142/U, RG-223/U, RG-400/U, RG-6X, Proflex and various video cables, cavity dimensions: .052", .068", .100", .213" and .255"	RFA-4005-01
	RG-8/U, RG-213/U, RG-214/U, and Belden 9913 cables, cavity dimensions: .100", .128" & .429". The .128" cavity crimps the center pin on Belden 9913 cable.	RFA-4005-02
	.239", .068", .319", for RG-58/U, RG-59/U, RG-62/U and Cambridge connectors series CP-88 & CP-89	RFA-4005-04
	.155", .184", .215"	RFA-4005-05
	.255", .324", .360" for RG-59/U, RG-6/U, and F-Type (CATV) coax connectors	RFA-4005-06
	.213", .178", .068", .042", for RG-58/U, RG-174/U, RG-316/U coax connectors (RFI cable groups B and C)	RFA-4005-07
	.324", .255", .068", .042", for RG-59/U and Belden 8281 coax cable (RFI cable groups D and G)	RFA-4005-08
	.178", .130", .068", for RG-174/U, RG-188/U, RG-316/U and mini 59/U coax connectors (RFI cable group B)	RFA-4005-09
	.080", .100", .429" for RG-8/U, RG-11/U and RG-213/U (RFI cable group E)	RFA-4005-10
	Belden 9913, LMRB-400, WBC-400 (RFI cable group I); .429", .118" hex cavities	RFA-4005-14



All dies are available separately



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Test and Measurement Kits



[Unidapt™ \(Universal Adapter\) Family, 7-16 DIN Adapters, RF Adapters](#)

[Universal Adapter System](#)

[Classic Unidapt Kits](#)

[Expanded Classic Unidapt Kits](#)

[Unidapt Expansion Kits](#)

[Unidapt Mega Kits](#)

[Unidapt Cable Testing Kits](#)

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[7-16 DIN and 3.5 mm Adapter Kits](#)

[SMA Adapter Kit](#)

[Cable Testing Kit](#)

[Cable Assembly Kits and Accessories](#)

[Cellular Radio Adapter Kits](#)

[Mobile Radio Adapter Kit](#)

Remote communication site: \$1 million
Helicopter rental to service site: \$400/hr.
Having the right adapter:

PRICELESS!

Model RFA-4024 shown.
Others available.



RF Connectors brand Unidapt® Universal Adapter Kits

Why Unidapt™?

Create any inter-series or intra-series adapter you need in seconds!

Our Universal Adapter is the key

Each Unidapt™ fitting has a common connector end and a universal adapter end. Simply choose the two common connector ends you need, and screw them together with the universal adapter. It's so easy. That's why technicians love it! Our ingenious adapter kits let you mix and match any 2 male or female coaxial fittings. Build the perfect adapter or cable assembly for the job — Male-to-Male, Male-to-Female, or Female-to-Female.



Universal
Center Adapter



Universal adapter mates with all Unidapt™ interface adapters. Other side of universal adapter then mates with any other Unidapt™ interface adapter.

Custom kit contents and custom labeling available.



All Unidapt™ adapters available separately.

Classic Unidapt™ Kit — 30 pieces

KITS: Unidapt™ Universal Adapter System

"CLASSIC" UNIDAPT™ KIT CONTAINS OUR MOST POPULAR ADAPTERS

WiFi version also available

- Adapters housed in foam-lined soft, zippered case
- Made of silver-plated machined brass with gold-plated phosphor bronze contact, anchored in a PTFE dielectric

CLASSIC
WHITE
BRONZE



CONTENTS OF 30-PIECE Unidapt™ KITS					
Description (Interface to Unidapt™ interface)	Classic RFA-4024	WiFi RFA-4024-WIFI	Part Number	White Bronze RFA-4024-WB	Part Number
Universal Adapters	6	6	PT-4000-013	6	PT-4000-013-WB
BNC Male	2	1	PT-4000-004	2	PT-4000-004-WB
BNC Female	2	1	PT-4000-010	2	PT-4000-010-WB
N Male	2	2	PT-4000-003	2	PT-4000-003-WB
N Female	2	2	PT-4000-009	2	PT-4000-009-WB
SMA Male	2	2	PT-4000-006	2	PT-4000-006-WB
SMA Female	2	2	PT-4000-012	2	PT-4000-012-WB
TNC Male	2	2	PT-4000-005	2	PT-4000-005-WB
TNC Female	2	2	PT-4000-011	2	PT-4000-011-WB
UHF Male	2		PT-4000-001	2	PT-4000-001-WB
UHF Female	2		PT-4000-007	2	PT-4000-007-WB
Mini-UHF Male	2		PT-4000-002	2	PT-4000-002-WB
Mini-UHF Female	2		PT-4000-008	2	PT-4000-008-WB
MMCX Male		1	PT-4000-117		
MMCX Female		1	PT-4000-118		
RP-SMA Male		2	PT-4000-133		
RP-SMA Female		2	PT-4000-134		
RP-TNC Male		2	PT-4000-135		
RP-TNC Female		2	PT-4000-136		

INDIVIDUAL ADAPTERS are shown at 65% actual size.



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Revised 7-07-2013

Expanded Classic Unidapt™ Kit — 43 pieces

KITS: Unidapt™ Universal Adapter System

43-PIECE KIT INCLUDES THE "CLASSIC" AND VALUABLE ACCESSORIES

- Contents of "Classic" Unidapt™ Kit
- Includes valuable accessories: RF Sampler, Right Angle & T Adapters, Binding Posts, Banana Plugs, RCA & F connectors



CONTENTS OF 43-PIECE Unidapt™ KITS

Description (Interface to Unidapt™ Interface)	Expanded RFA-4023-01	WIFI RFA-4023-WIFI	Part Number
Universal Adapters	6	6	PT-4000-013
BNC Male	2	2	PT-4000-004
BNC Female	2	2	PT-4000-010
N Male	2	2	PT-4000-003
N Female	2	2	PT-4000-009
SMA Male	2	2	PT-4000-006
SMA Female	2	2	PT-4000-012
TNC Male	2	2	PT-4000-005
TNC Female	2	2	PT-4000-011
UHF Male	2		PT-4000-001
UHF Female	2		PT-4000-007
Mini-UHF Male	2		PT-4000-002
Mini-UHF Female	2		PT-4000-008
MMCX Male		1	PT-4000-117
MMCX Female		1	PT-4000-118
RP-SMA Male		2	PT-4000-133
RP-SMA Female		2	PT-4000-134
RP-TNC Male		2	PT-4000-135
RP-TNC Female		2	PT-4000-136
RCA Male	2	1	PT-4000-014
RCA Female Phono Jack	2	1	PT-4000-015
F Female	2	1	PT-4000-016
F Male	2	1	PT-4000-017
Unidapt™ Male to Double Banana Plug	1	1	PT-4010-021
Unidapt™ Male to Double Binding Post	1	1	PT-4010-020
Unidapt™ Female R/A Adapter	1	1	PT-4000-026
Unidapt™ Female T-Adapter	1	1	PT-4000-027
Unidapt™ RF Sampler - 1 Piece Unit	1	1	RFA-4023-A1



The 43-piece kits include:

RCA and F adapters
+ 5 accessories



Classic Unidapt



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Revised 7-07-2013

Expanded Classic Unidapt™ Kit — 43 pieces

KITS: Unidapt™ Universal Adapter System

Right Angle and T-Adapters

- Can be used with all female UNIDAPT™ adapters
- Can be bought together as part number RFA-4025



Binding Post and Banana plug

- Expand the capabilities and applications for Unidapt™ kits
- Made of high quality injection-molded ABS plastic



Unidapt™ RF Sampler and Injector

- Cut test time in half
- Uses any of the fittings found in the Unidapt™ kits
- Allows sampling of RF power in transmit without affecting the antenna circuit
- An adjustable BNC female port allows a 20-80 dB attenuated signal up to 3 GHz
- Can also be left permanently in the antenna circuit for RF power failure monitoring purposes
- Available with N male and N female adapters, part number RFA-4059-A

HOW TO USE:

Insert the RFA-4059-A1 between the antenna or dummy load



INDIVIDUAL ADAPTERS BELOW are shown at 65% actual size

SEE COMPLETE LIST OF UNIDAPT™ ADAPTERS



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Revised 7-07-2013

Unidapt™ Expansion Kits

KITS: Unidapt™ Universal Adapter System

ATTENTION!

Owners of our 30 or 43 piece kits

Transfer your adapters to a bigger case that include
Hard-to-Find adapters

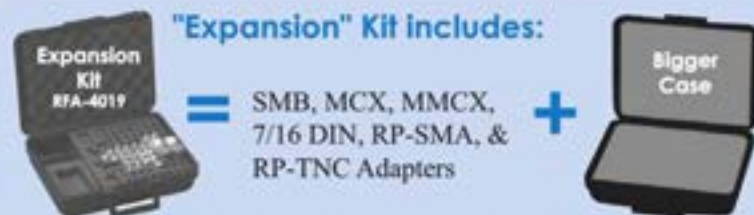
- Contains all of our new adapters and expansion slots to house your current adapters
- Convenient foam-lined case
- Unicable Expansion Kit, **RFA-4019-48**, includes two 48" Unicables™ and a Unidapt™ barrel adapter
- Unicable Expansion Kit, **RFA-4019-48-T**, includes two 48" Unicables™ a Unidapt™ barrel adapter and Cable Tester

CONTENTS OF Unidapt™ EXPANSION KITS

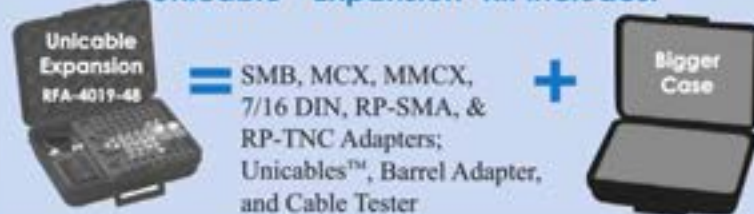
Description (Interface to Unidapt™ Interface)	27-piece Simple Expansion Kit RFA-4019	30-piece Unicable Expansion Kit RFA-4019-48	31-piece Unicable w/ Tester Expansion Kit RFA-4019-48T	Part Number
Universal Adapters	3	3	3	PT-4000-013
SMB Plug	2	2	2	PT-4000-114
SMB Jack	2	2	2	PT-4000-113
MCX Male	2	2	2	PT-4000-115
MCX Female	2	2	2	PT-4000-116
MMCX Male	2	2	2	PT-4000-117
MMCX Female	2	2	2	
7/16 DIN Male	2	2	2	PT-4000-119
7/16 DIN Female	2	2	2	PT-4000-120
RP-SMA Male	2	2	2	PT-4000-133
RP-SMA Female	2	2	2	PT-4000-134
RP-TNC Male	2	2	2	PT-4000-135
RP-TNC Female	2	2	2	PT-4000-136
Unidapt™ Female-to-Female barrel adapter		1	1	RFA-4000-150
48" Unicables™		2	2	RFA-4070-48
Unidapt™ Cable Tester			1	RFA-4018-20



"Expansion" Kit includes:



"Unicable™ Expansion" Kit includes:



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Revised 7-07-2013

Unicables™



48" Unicable with Unidapt™ female connectors on double shield RG-58/U, blue jacket cables. Also available in 36, 72 and 120 inch lengths.

RFA-4070-48

Unidapt™ Female to Female Barrel Adapter

Allows Unicables™ to be joined to create longer jumpers.



Unidapt™ female to Unidapt™ female
PT-4000-150

Cable Tester

➔ [Read about the Unidapt™ Cable Tester](#)



Unidapt™ Cable Tester
RFA-4018-20

- When combined with a Unidapt™ kit, allow you to create jumpers with any interface in seconds
- Use Unicables™ with Unidapt™ adapters to create jumpers with hundreds of variations

➔ [Learn more about Unicables™](#)

INDIVIDUAL ADAPTERS BELOW are shown at 65% actual size

➔ [See complete list of Unidapt™](#)

The Key!



Universal
Center Adapter
PT-4000-013



All parts available separately



MMCX Male
PT-4000-117



MMCX Female
PT-4000-118



RP SMA Male
PT-4000-133



RP SMA Female
PT-4000-134



RP TNC Male
PT-4000-135



RP TNC Female
PT-4000-136



SMB Plug
PT-4000-114



SMB Jack
PT-4000-113



MCX Plug
PT-4000-115



MCX Jack
PT-4000-116



7-16 DIN Male
PT-4000-119



7-16 DIN Female
PT-4000-120

Have the whole Unidapt™ Line in one convenient case!

CONTENTS OF MEGA KITS			
Description (interface to Unidapt™ interface)	70-piece Mega Kit RFA-4020	74-piece Mega-Plus Kit RFA-4022	Part Number
Universal Adapters	9	9	PI-4000-013
BNC Male	3	3	PI-4000-004
BNC Female	3	3	PI-4000-010
N Male	3	3	PI-4000-003
N Female	3	3	PI-4000-009
SMA Male	3	3	PI-4000-006
SMA Female	3	3	PI-4000-012
TNC Male	3	3	PI-4000-005
TNC Female	3	3	PI-4000-011
UHF Male	3	3	PI-4000-001
UHF Female	3	3	PI-4000-007
Mini-UHF Male	3	3	PI-4000-002
Mini-UHF Female	3	3	PI-4000-008
BCA Male	3	1	PI-4000-014
BCA Female Phono Jack	3	1	PI-4000-015
F Female	3	1	PI-4000-016
F Male	3	1	PI-4000-017
SMB Jack	3	3	PI-4000-113
SMB Plug	3	3	PI-4000-114
MCX Male	3	3	PI-4000-115
MCX Female	3	3	PI-4000-116
MMCX Male	3	3	PI-4000-117
MMCX Female	3	3	PI-4000-118
7-16 DIN Male	3	3	PI-4000-119
7-16 DIN Female	3	3	PI-4000-120
RP-SMA Male	3	3	PI-4000-133
RP-SMA Female	3	3	PI-4000-134
RP-TNC Male	3	3	PI-4000-135
RP-TNC Female	3	3	PI-4000-136
Unidapt™ Female B/A Adapter	1	1	PI-4000-026
Unidapt™ Female T Adapter	1	1	PI-4000-027
Unidapt™ RF Sampler - 1 Piece Unit	1	1	RFA-4020-A1
Unidapt™ Female-to-Female barrel adapter		1	RFA-4000-150
48" Unicables™		3	RFA-4070-48
Unidapt™ Cable Tester		1	RFA-4018-20
Unidapt™ Male to Double Binding Post	1	1	PI-4010-020
Unidapt™ Male to Banana Plug	1	1	PI-4010-021



70-piece Mega Kit (RFA-4020)

- Contains all Unidapt™ adapters found in our "Expanded Classic" Kit, RFA-4023-01
- Plus all of the adapters in our "Expansion" Kit, RFA-4019



74-piece Unidapt™ Mega-Plus Kit (RFA-4022)

- includes contents of Mega Kit (above)
- Plus 2 Unicables™, barrel adapter & cable tester

"Mega" Kit includes:



"Mega-Plus" Kit includes: above + Unicables™, Barrel Adapter, Cable Tester

The Key!

INDIVIDUAL ADAPTERS BELOW are shown at 50% actual size

SEE COMPLETE LIST OF UNIDAPT™ ADAPTERS ON PAGE 117.



Universal
Center Adapter
PT-4000-013



BNC Male
PT-4000-004



BNC Female
PT-4000-010



N Male
PT-4000-003



N Female
PT-4000-009



SMA Male
PT-4000-006



SMA Female
PT-4000-012



TNC Male
PT-4000-005



TNC Female
PT-4000-011



UHF Male
PT-4000-001



UHF Female
PT-4000-007



Mini-UHF Male
PT-4000-002



Mini-UHF Female
PT-4000-008



RCA Male
PT-4000-014



RCA Female
PT-4000-015



F Female
PT-4000-016



F Male
PT-4000-017



SMB Jack
PT-4000-113



SMB Plug
PT-4000-114



MCX Male
PT-4000-115



MCX Female
PT-4000-116



MMCX Male
PT-4000-117



MMCX Female
PT-4000-118



7-16 DIN Male
PT-4000-119



7-16 DIN Female
PT-4000-120



RP SMA Male
PT-4000-133



RP SMA Female
PT-4000-134



RP TNC Male
PT-4000-135



RP TNC Female
PT-4000-136

Right Angle and T-Adapters



R/A Adapter
PT-4000-026



T Adapter
PT-4000-027

Binding Post and Banana plug



Binding Post
PT-4010-020



Banana Plug
PT-4010-021

Unidapt™ RF Sampler

RFA-4059-A1



Unicable™



48" Unicable™ with Unidapt™ female connectors on double shield RG-58/U, blue jacket cables. Also available in 36, 72 and 120 inch lengths.

RFA-4070-48

Barrel Adapter



Unidapt™ female to
Unidapt™ female
PT-4000-150

Cable Tester



Unidapt™ Cable Tester
RFA-4018-20

Unidapt™ Cable Testing Kits

KITS: Unidapt™ Universal Adapter System

EASILY TEST YOUR CABLES TO SAVE DIAGNOSTIC TIME



Unidapt™ WiFi Coax and Cat 5 Testing Kit RFA-4028-WIFI



Unidapt™ Cable Tester RFA-4018-20



Unidapt™ WiFi Testing Kit RFA-4018-WIFI



CONTENTS OF Unidapt™ TESTING KITS

Description (Interface to Unidapt™ Interface)	Unidapt™ Testing Kit RFA-4018	Unidapt™ WiFi Testing Kit RFA-4018-WIFI	Unidapt™ Coax & Cat 5 Testing Kit RFA-4028	Unidapt™ Coax & Cat 5 WiFi Testing Kit RFA-4028-WIFI	Part Number
Universal Adapters	4	4	4	4	PT-4000-013
BNC Male	2	1	2	1	PT-4000-004
BNC Female	2	1	2	1	PT-4000-010
N Male	2	2	2	2	PT-4000-003
N Female	2	2	2	2	PT-4000-009
SMA Male	2	2	2	2	PT-4000-006
SMA Female	2	2	2	2	PT-4000-012
TNC Male	2	2	2	2	PT-4000-005
TNC Female	2	2	2	2	PT-4000-011
UHF Male	2		2		PT-4000-001
UHF Female	2		2		PT-4000-007
Mini-UHF Male	2		2		PT-4000-002
Mini-UHF Female	2		2		PT-4000-008
MMCX Male		1		1	PT-4000-117
MMCX Female		1		1	PT-4000-118
RP-SMA Male		2		2	PT-4000-133
RP-SMA Female		2		2	PT-4000-134
RP-TNC Male		2		2	PT-4000-135
RP-TNC Female		2		2	PT-4000-136
Unidapt™ Cable Tester	1	1	1	1	RFA-4018-20
Cat 5 Cable Tester			1	1	RFA-4218-20

Unidapt™ Cable Tester (RFA-4018-20)

Features

- Powered by a 9-volt battery.
- Lightweight, small & completely portable.
- LED panel on front of tester indicates Pass or Fail.
- If Fail, panel saves valuable diagnostic time by indicating whether due to Short, Open Conductor or Open Shield.

Using Cable Tester

- To **Test free cables**, attach each end of cable assembly to tester.
- Cable condition will be indicated on LED panel.
- Test **Installed cables** with two Coaxial Cable Testers.
- Disconnect cable from all equipment and attach remote cable end to right jack of one tester. Attach the local cable end to left jack of local tester.
- Cable status will be displayed on LED panel of local tester.



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Unidapt™ Cable Testing Kits

KITS: Unidapt™ Universal Adapter System

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



Unidapt™ Testing Kit:

$$= \text{UNIDAPT™ CABLE TESTER} + \text{Classic Kit RFA-4024}$$



Unidapt™ WiFi Testing Kit:

$$= \text{UNIDAPT™ CABLE TESTER} + \text{Classic WiFi Kit RFA-4024-WIFI}$$



Unidapt™ Coax & Cat 5 Testing Kit:

$$= \text{Unidapt™ Cable Tester} + \text{Cat 5 Cable Tester} + \text{Classic Kit RFA-4024}$$



Read about our Cat 5 cable

Our coaxial cable tester with BNC adapters



Unidapt™ WiFi Coax & Cat 5 Test Kit:

$$= \text{Unidapt Cable Tester} + \text{Cat 5 Cable Tester} + \text{Classic WiFi Kit RFA-4024-WIFI}$$



The Key!

INDIVIDUAL ADAPTERS are shown at 65% actual size

See complete list of Unidapt™



Universal Center Adapter PT-4000-013



BNC Male PT-4000-004



BNC Female PT-4000-010



N Male PT-4000-003



N Female PT-4000-009



SMA Male PT-4000-006



SMA Female PT-4000-012



TNC Male PT-4000-005



TNC Female PT-4000-011



UHF Male PT-4000-001



UHF Female PT-4000-007



NRP-UHF Male PT-4000-002



NRP-UHF Female PT-4000-008



MMCX Male PT-4000-117



MMCX Female PT-4000-118



RP SMA Male PT-4000-133



RP SMA Female PT-4000-134



RP TNC Male PT-4000-135



RP TNC Female PT-4000-136



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Unidapt™ RF Wattmeters Connectors



Unidapt™ flange adapters give your wattmeter Unidapt™ flexibility and power. Simply unscrew the standard fittings and replace them with our flange adapters. Immediately you have every connector in your Unidapt™ kit usable with your wattmeter. Save time and always have the right connector.

Unidapt™ Flange Adapters



RFA-4045-A — For Bird 43, 4304A, 4431, 4521 Wattmeters: Contains 2 PT-4010-001 Unidapt™ Flange Connectors.

RFA-4046-A — For Telewave 44 series wattmeters: Contains 2 PT-4010-002 Unidapt™ Flange Connectors.

Unidapt™ Flange Adapter Kits

RFA-4047 — 2 Unidapt™ "Bird" Flange Connectors, 2 N Female Unidapts™, and 2 UHF Female Unidapts™

RFA-4048 — 2 Unidapt™ "Telewave" Flange Connectors, 2 N Female Unidapts™, and 2 UHF Female Unidapts™

Unidapt™ Connectors

PT-4010-030 — Use with any RG-58/U or LMR-195 type cables to create your own Unicable™

PT-4010-062 — Mounting bulkhead connectors allows you to create or modify existing test fixtures ready for Unidapt™ use



Male crimp
PT-4010-030



Bulkhead
PT-4010-062

Right Angle and T-Adapters

- Use with all female Unidapt™ adapters
- Both adapters can be bought together in the RFA-4025 kit



R/A Adapter
PT-4000-026



T Adapter
PT-4000-027

Binding Post and Banana plug

- Expands capabilities & applications for Unidapt™ adapters
- Bodies made of high quality injection-molded ABS plastic



Binding Post
PT-4010-020



Banana Plug
PT-4010-021

Unidapt™ RF Sampler and Injector

- Cut test time in half
- Uses any of fittings found in Unidapt™ kits
- Allows sampling of RF power in transmit without affecting antenna circuit
- An adjustable BNC female port allows a 20-80 dB attenuated signal up to 3 GHz
- Can also be left permanently in antenna circuit for RF power failure monitoring purposes
- Available with N male and N female adapters, part number RFA-4059-A



with N male (PT-4000-003) and N female (PT-4000-009) connectors (equiv. Motorola 58880313837)
RFA-4059-A

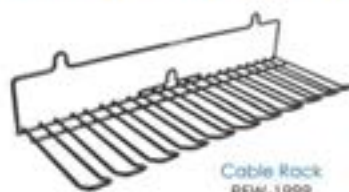


without end connectors
RFA-4059-A1



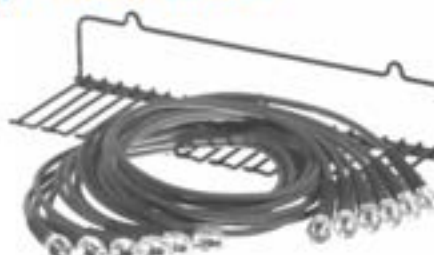
How to Use:
insert between antenna or dummy load

Create test cables easily with Unicables™



Cable Rack
RFW-1999

- Rugged wire construction
- Keep work area clutter free
- Keep cables organized & tangle free
- 11 inches long rack with ten slots



6 piece Unicable™ Kit with rack
RFA-4040



3 Unicables™
RFA-4041

Barrel Adapter

Unidapt™ female to
Unidapt™ female
PT-4000-150



Allows Unicables™ to be joined to create longer jumpers

Cable Tester and Tester Kits

Unidapt™
Cable Tester
RFA-4018-20



[More on Cable Tester](#)

Unicable™ Kits (RFA-4040 shown above)

- Cable frequency DC to 1GHz, 50 ohm impedance, +/- 2 ohms
- Ideal for bench technician
- 7-piece kit includes 6 48-inch cables and wall rack
- Create any needed test cable
- Mix and match any combination of connectors or adapters to ends of cable assemblies
- Cable is extra flexible type RG-58A/U with 100% double shielding (copper braid over aluminum foil).
- Unidapt™ connectors at both ends (PT-4010-030) are silver-plated machined brass and gold-plated contacts with PTFE dielectric

Wall Rack (RFW-1999 shown above, sold separately)

- Cable friendly to keep cables organized and in place.

Unicable Kit without rack (RFA-4041)

- 3 cable package ideal for the field technician

Additional cable lengths:

36-inch (RFA-4070-36)

48-inch (RFA-4070-48)

72-inch (RFA-4070-72)

120-inch (RFA-4070-120)

Hard-to-Find Unidapt™ Adapters

INDIVIDUAL ADAPTERS BELOW are shown at 65% actual size



MMCX Male
PT-4000-117



MMCX Female
PT-4000-118



RP SMA Male
PT-4000-133



RP SMA Female
PT-4000-134



RP TNC Male
PT-4000-135



RP TNC Female
PT-4000-136



SMB Plug
PT-4000-114



SMB Jack
PT-4000-113



MCX Plug
PT-4000-115



MCX Jack
PT-4000-116



7-16 DIN Male
PT-4000-119



7-16 DIN Female
PT-4000-120

[See complete list of Unidapt™ adapters](#)



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Comprehensive List of Unidapt™ Kits

KITS: Unidapt™ Universal Adapter System

CONTENTS OF Unidapt™ KITS

Description	Unidapt™ Testing RFA-401B	Unidapt™ WFL Testing RFA-401B-WFL	Cool & Cool 5 Testing RFA-402B	Cool & Cool 5 WFL Testing RFA-402B-WFL	27-piece RFA-4019	30-piece Expansion RFA-4019-4B	31-piece Expansion RFA-4019-4B-1	30-piece Classic RFA-4024	30-piece WFL RFA-4024-WFL	30-piece White Bronze RFA-4024-WB	42-piece Expanded RFA-4024-01	43-piece WFL RFA-4024-WFL	20-piece Mega RFA-4020	24-piece Mega Plus RFA-4022	Part Number
Universal Adapters	4	4	4	4	3	3	3	4	4		4	4	4	4	PI-4000-013
Universal Adapters White Bronze										4					PI-4000-013-WB
BNC Male	2	1	2	1				2	1		2	2	2	2	PI-4000-004
BNC Male White Bronze										2					PI-4000-004-WB
BNC Female	2	1	2	1				2	1		2	2	2	2	PI-4000-010
BNC Female White Bronze										2					PI-4000-010-WB
N Male	2	2	2	2				2	2		2	2	2	2	PI-4000-003
N Male White Bronze										2					PI-4000-003-WB
N Female	2	2	2	2				2	2		2	2	2	2	PI-4000-009
N Female White Bronze										2					PI-4000-009-WB
SMA Male	2	2	2	2				2	2		2	2	2	2	PI-4000-006
SMA Male White Bronze										2					PI-4000-006-WB
SMA Female	2	2	2	2				2	2		2	2	2	2	PI-4000-012
SMA Female White Bronze										2					PI-4000-012-WB
TNC Male	2	2	2	2				2	2		2	2	2	2	PI-4000-005
TNC Male White Bronze										2					PI-4000-005-WB
TNC Female	2	2	2	2				2	2		2	2	2	2	PI-4000-011
TNC Female White Bronze										2					PI-4000-011-WB
UHF Male	2		2					2			2		2	2	PI-4000-001
UHF Male White Bronze										2					PI-4000-001-WB
UHF Female	2		2					2			2		2	2	PI-4000-007
UHF Female White Bronze										2					PI-4000-007-WB
Mini-UHF Male	2		2					2			2		2	2	PI-4000-002
Mini-UHF Male White Bronze										2					PI-4000-002-WB
Mini-UHF Female	2		2					2			2		2	2	PI-4000-008
Mini-UHF Female White Bronze										2					PI-4000-008-WB
BGA Male											2	1	2	1	PI-4000-014
BGA Female Phone Jack											2	1	2	1	PI-4000-015
F Female											2	1	2	1	PI-4000-016
F Male											2	1	2	1	PI-4000-017
SMB Jack					2	2	2						2	2	PI-4000-113
SMB Plug					2	2	2						2	2	PI-4000-114
MCX Male					2	2	2						2	2	PI-4000-115
MCX Female					2	2	2						2	2	PI-4000-116
MMCX Male		1		1	2	2	2		1			1	2	2	PI-4000-117
MMCX Female		1		1	2	2	2		1			1	2	2	PI-4000-118
7-16 DIN Male					2	2	2		1				2	2	PI-4000-119
7-16 DIN Female					2	2	2						2	2	PI-4000-120
RF-SMA Male	2		2	2	2	2	2		2		2	2	2	2	PI-4000-133
RF-SMA Female	2		2	2	2	2	2		2		2	2	2	2	PI-4000-134
RF-TNC Male	2		2	2	2	2	2		2		2	2	2	2	PI-4000-135
RF-TNC Female	2		2	2	2	2	2		2		2	2	2	2	PI-4000-136
Unidapt™ Female R/A Adapter											1	1	1	1	PI-4000-026
Unidapt™ Female F Adapter											1	1	1	1	PI-4000-027
Unidapt™ RF Sampler - 1 Piece Unit											1	1	1	1	RFA-4039-A1
Unidapt™ Female-to-Female Panel Adapter						1	1							1	RFA-4000-130
48" Unicables™						2	2							2	RFA-4070-48
Unidapt™ Cable Tester	1	1	1	1			1							1	RFA-4018-20
Unidapt™ Male to Double Binding Post											1	1	1	1	PI-4010-020
Unidapt™ Male to Banana Plug											1	1	1	1	PI-4010-021
Cat 3 Cable Tester			1	1											RFA-4218-20



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Revised 7-07-2013

Comprehensive List of Unidapt™ Adapters

KITS: Unidapt™ Universal Adapter System

Ala Carte

All Unidapt™ adapters available separately

INDIVIDUAL ADAPTERS BELOW are shown at 50% actual size.

Photograph	Description (Interface to Unidapt™ interface)	Part Number
	Universal Center Adapter	PT-4000-013
	BNC Male	PT-4000-004
	BNC Female	PT-4000-010
	N Male	PT-4000-003
	N Female	PT-4000-009
	SMA Male	PT-4000-006
	SMA Female	PT-4000-012
	Motorola SMA Female	PT-4000-101
	TNC Male	PT-4000-005
	TNC Female	PT-4000-011
	UHF Male	PT-4000-001

Photograph	Description (Interface to Unidapt™ interface)	Part Number
	UHF Female	PT-4000-007
	Mini-UHF Male	PT-4000-002
	Mini-UHF Female	PT-4000-008
	RCA Male	PT-4000-014
	RCA Female Phono Jack	PT-4000-015
	F Female	PT-4000-016
	F Male	PT-4000-017
	SMB Jack	PT-4000-113
	SMB Plug	PT-4000-114
	MCX Male	PT-4000-115
	MCX Female	PT-4000-116
	MMCX Male	PT-4000-117

Photograph	Description (Interface to Unidapt™ interface)	Part Number
	MMCX Female	PT-4000-118
	7/16 DIN Male	PT-4000-119
	7/16 DIN Female	PT-4000-120
	RP-SMA Male	PT-4000-133
	RP-SMA Female	PT-4000-134
	RP-TNC Male	PT-4000-135
	RP-TNC Female	PT-4000-136
	Male-to-Male Right Angle Adapter	PT-4000-026
	Triple Male T-Adapter	PT-4000-027
	Female-to-Female Barrel Adapter	PT-4000-150



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Revised 7-07-2013



WHEN CONVENIENCE COUNTS

**Have all
your Adapters
in one kit!**

A technician in the field or at a bench needs to have the right adapters handy.

Why kits?

Our bookshelf kits offer convenience, protection and save space

Make it your own!



1. Convenient to use, organize and protect your adapters
2. Organized by part family or application function to easily find what you need
3. Rugged, zippered leatherette case protects from the elements and from the wear of loose storage
4. Easily carried by technician or stored compactly on shelf
5. Name printed on the binding edge for easy recognition
6. Case lies flat when fully opened for ease of use



Custom kit contents and custom labeling available.
Ask us to silkscreen your logo or artwork on minimum orders.



All adapters are available separately

7-16 DIN Adapter Kit & 3.5mm Adapter Kit

Bookshelf Adapter Kits

6 Piece 7-16 DIN Adapter Kit (RFA-4013)

- 7-16 DIN and N-type interfaces
- Machined brass with PTFE dielectrics and silver-plated bodies
- Silver-plated contact
- Low passive intermodulation and low VSWR
- Die-cut foam in a compact zippered leatherette case



All adapters may be bought separately.



INDIVIDUAL ADAPTERS are shown at 60% actual size.



7-16-DIN Male to
7-16 DIN Female (Right Angle)
RFD-1652-2



7-16-DIN Female
to 7-16 DIN Female
RFD-1653-2



7-16-DIN Male
to N Male
RFD-1670-2



7-16-DIN Male
to N Female
RFD-1671-2



7-16-DIN Female
to N Male
RFD-1672-2



7-16-DIN Female
to N Female
RFD-1673-2

Content of 7/16 DIN Adapter Kit

Description	Part Number
7/16 DIN Male to 7/16 Female Right Angle	RFD-1652-2
7/16 DIN Female to 7/16 DIN Female	RFD-1653-2
7-16-DIN Male to N Male	RFD-1670-2
7-16-DIN Male to N Female	RFD-1671-2
7-16-DIN Female to N Male	RFD-1672-2
7-16-DIN Female to N Female	RFD-1673-2

3.5mm KIT (RFA-4031-01)

- Inter-mate with SMA and 2.9mm connectors
- 50 ohm impedance, operate to 34 GHz
- VSWR rating of 1.05+0.006 f (f-GHz) Max. and have the same electrical length.
- Non-magnetic 303 stainless steel, beryllium copper contacts supported with a bead dielectric.
- Female contacts feature a four-slot configuration, ensuring pressure distributed evenly during engagement of male pin. When combined with shortened male pin, eliminates misalignment during engagement.

INDIVIDUAL ADAPTERS are shown at 100% actual size.



3.5mm Male
to 3.5mm Male
RF35M-35M-00000



3.5mm Male
to 3.5mm Female
RF35M-35F-00000



3.5mm Female
to 3.5mm Female
RF35F-35F-00000



Content of 3.5 mm Adapter Kit

Description	Part Number
3.5mm Male to 3.5mm Male	RF35M-35M-00000
3.5mm Male to 3.5mm Female	RF35M-35F-00000
3.5mm Female to 3.5mm Female	RF35F-35F-00000



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SMA ADAPTER KIT (RFA-4027)

- Contains in-series and between-series adapters (see chart below)
- Housed in a rugged, zippered, leatherette case.
- When fully opened, case lies flat for easy use

Content of SMA Adapter Kit

Description	Part Number
SMA Male to Double SMA Female	RSA-3400
Triple SMA Female	RSA-3401
SMA Male to SMA Female	RSA-3402
SMA Male to SMA Male	RSA-3403
SMA Female to SMA Female	RSA-3404
N Female to SMA Male	RSA-3452
UHF Male to SMA Male	RSA-3456
UHF Female to SMA Male	RSA-3457
BNC Female to SMA Male	RSA-3458
TNC Male to SMA Female	RSA-3472
BNC Male to SMA Female	RSA-3476
N Male to SMA Female	RSA-3478
TNC Female to SMA Male	RFT-1241-6

**13 Adapters
in one kit!**



All adapters may be bought separately.

INDIVIDUAL ADAPTERS are shown at 100% actual size.



SMA Male
to Double SMA Female
RSA-3400



Triple
SMA Female
RSA-3401



SMA Male
to SMA Female
RSA-3402



SMA Male
to SMA Male
RSA-3403



SMA Female
to SMA Female
RSA-3404



N Female
to SMA Male
RSA-3452



UHF Male
to SMA Male
RSA-3456



UHF Female
to SMA Male
RSA-3457



BNC Female
to SMA Male
RSA-3458



TNC Male
to SMA Female
RSA-3472



BNC Male
to SMA Female
RSA-3476



N Male
to SMA Female
RSA-3478



TNC Female
to SMA Male
RFT-1241-6



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TEST CABLES IN FIELD OR AT BENCH (RFA-4017)

Contents

- 1 Coaxial Cable Tester, RFA-4017-01, with BNC adapters
- Female Mini-UHF, TNC or UHF and male and/or female BNC, N, or SMA adapters (16 pieces total)

Cable Tester

- Coaxial Cable Tester, RFA-4017-01
- Powered by a 9-Volt battery, completely portable
- Lightweight and small and completely portable
- LED panel indicates Pass or Fail.
- If Fail, panel indicates whether due to a Short, Open Conductor or Open Shield.

To test free cables — Attach each end of cable assembly to tester. The cable condition will be indicated on front LED panel.

To test installed cables — Use two Coaxial Cable Testers. Disconnect cable from all equipment and attach remote cable end to right jack of one tester. Attach local cable end to the left jack of the local tester. The cable status is displayed on LED panel of local tester.

**17 pieces
in one kit!**



Content of Cable Testing Kit		
Description	Quantity	Part Number
Coaxial Cable Tester	1	RFA-4017-01
BNC Male to BNC Male Adapter	2	RFB-1133
BNC Male to UHF Female Adapter	2	RFB-1136
BNC Male to N Female Adapter	2	RFN-1038-1
BNC Male to N Male Adapter 2	2	RFN-1040-1
BNC Male to SMA Male Adapter	2	RSA-3459
BNC MALE TO SMA FEMALE ADAPTER	2	RSA-3476
BNC MALE TO TNC FEMALE ADAPTER	2	RFT-1230
BNC MALE TO MINI-UHF FEMALE ADAPTER	2	RFU-627



Coaxial Cable Tester
RFA-4017-01

**2
each**

Kit contains 2 each
of adapters
shown

INDIVIDUAL ADAPTERS are shown at 100% actual size.



(2) BNC Male
to BNC Male Adapters
RFB-1133



(2) BNC Male
to UHF Female Adapters
RFB-1136



(2) BNC Male
to N Female Adapters
RFN-1038-1



(2) BNC Male
to N Male Adapters
RFN-1040-1



(2) BNC Male
to SMA Male Adapters
RSA-3459



(2) BNC Male
to SMA Female Adapters
RSA-3476



(2) BNC Male
to TNC Female Adapters
RFT-1230



(2) BNC Male to
Mini-UHF Female Adapters
RFU-627



Cable Assembly Kits and Accessories

Bookshelf Adapter Kits

POPULAR CABLE ASSEMBLIES GATHERED IN KITS



15-piece kit shown above. 7-piece kit also available. See chart for details.

- Connectors are machined brass with either nickel or silver bodies, silver or gold contacts, and PTFE or Delrin dielectrics
- Crimped to 30-40 lbs. pull strength.
- Assemblies are of double-shielded RG-58A/U coax cables with extruded blue jacket strain reliefs.
- Standard length = 48", 60" & 72" lengths available on special order.
- Cables are extremely soft and flexible and will hang vertically when returned to their wall rack.

14 cables plus wall rack (RFA-4075-48) — contained most popular cable combinations (see details below)

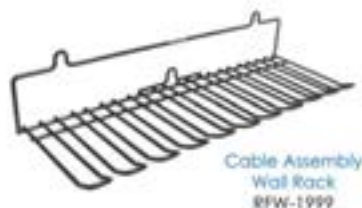
6 cables plus wall rack (RFA-4076-48) — (see details below)

Additional assemblies — (see details below)

Content of Cable Assembly Kits

Cable Assembly Description	15-piece RFA-4075-48 Kit contents	7-piece RFA-4076-48 Kit contents	Assembly Part Number
Wall rack	1	1	RFW-1999
UHF Male to UHF Male	1	1	RFW-1940
UHF Male to N Male	1	1	RFW-1946
UHF Male to BNC Male	1	1	RFW-1949
UHF Male to TNC Male	1		RFW-1952
N Male to N Male	1		RFW-1973
N MALE TO BNC MALE	1	1	RFW-1976
N MALE TO TNC MALE	1		RFW-1979
BNC FEMALE TO BNC FEMALE	1		RFW-1980
BNC MALE TO BNC MALE	3	2	RFW-1982
BNC MALE TO BNC FEMALE	1		RFW-1983
BNC MALE TO TNC MALE	1		RFW-1985
TNC MALE TO TNC MALE	1		RFW-1988

Racks and strain reliefs also sold separately



Cable Assembly
Wall Rack
RFW-1999



Strain relief for RG-58/U — black
PT-4015-03-BK

Strain relief for RG-58/U — blue
PT-4015-03-BL

Strain relief for RG-59/U, RG-8/X — black, PVC
PT-4015-05-BK

Strain relief for RG-59/U, RG-8/X — blue, PVC
PT-4015-05-BL



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INDIVIDUAL CABLE ASSEMBLIES



UHF Male to UHF Male
RFW-1940



UHF Male to Mini-UHF Male
RFW-1943



UHF Male to N Male
RFW-1946



UHF Male to BNC Male
RFW-1949



UHF Male to TNC Male
RFW-1952



Mini-UHF Male to Mini-UHF Male
RFW-1955



Mini-UHF Male to N Male
RFW-1958



Mini-UHF Female to N Male
RFW-1961



Mini-UHF Male to BNC Male
RFW-1964



Mini-UHF Male to TNC Male
RFW-1967



Mini-UHF Female to BNC Male
RFW-1970



N Male to N Male
RFW-1973

N Male to N Male
(LMR-400, 9913)
RFW-1973-1



N Male to N Male
RFW-1974



N Female to N Female
RFW-1975



N Male to BNC Male
RFW-1976



N Female to BNC Male
RFW-1977



N Male to TNC Male
RFW-1979



BNC Female to BNC Female
RFW-1980



BNC Male to BNC Male
RFW-1982



BNC Male to BNC Female
RFW-1983



BNC Male to TNC Male
RFW-1985



TNC Male to TNC Male
RFW-1988



RCA Male to RCA Male
RFW-1997



RCA Male to BNC Male
RFW-1998

These cable assemblies are as described at the top of this page. They are also available in a wide variety of cable configurations, lengths and with black strain reliefs.

assemblies are shown at 50% actual size.



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Revised 7-07-2013

MASTER CELLULAR RADIO KIT COMBINES MINI-UHF & TNC KITS, PLUS HARD-TO-FIND ADAPTERS (RFA-4010)

- 34-piece contents of Mini-UHF and TNC adapter kits
- Includes adapters used on Technophone & NEC handheld portables
- Packed in a soft, zippered case

See contents on next page.

**34 Adapters
in one kit!**



MINI-UHF ADAPTER KIT (RFA-4011)

- 15 adapters: 5 Male, 5 Female Mini-UHF to Male or Female N, UHF, BNC and TNC, 1 Right Angle, 2 T-Adapters, 1 (Motorola) SMA to Mini-UHF Female Adapter and Mini-UHF quick disconnect to Mini-UHF Female Adapter
- Nickel-plated, machined brass with gold-plated contacts & PTFE dielectric
- Packed in a soft, zippered case

See contents on next page.

**15 Adapters
in one kit!**



TNC ADAPTER KIT (RFA-4012)

- 18 most asked for TNC adapters
- Includes TNC male or female to UHF, N, BNC, RCA phono plug or (Motorola) SMA
- Nickel-plated, machined brass with gold-plated contacts & PTFE dielectric
- Packed in a soft, zippered case

See contents on next page.

**18 Adapters
in one kit!**



Master Cellular Radio kit includes:



Contents of Cellular Radio Adapter Kits

Bookshelf Adapter Kits

MASTER
KIT

MINI-UHF
KIT

TNC KIT

Hard-to-Find

Hard-to-Find Adapters
shown below

Description	34-piece RFA-4010	15-piece RFA-4011	18-piece RFA-4012	Part Number
TNC Male to TNC Male	1		1	RFT-1224
TNC Female to TNC Female	1		1	RFT-1225
TNC Male to TNC Female Right Angle	1		1	RFT-1227
TNC Male to double TNC Female	1		1	RFT-1228
Triple TNC Female	1		1	RFT-1229
TNC Female to BNC Male	1		1	RFT-1230
TNC Male to BNC Female	1		1	RFT-1231
TNC Female to BNC Female	1		1	RFT-1232
TNC Female to N Male	1		1	RFT-1233
TNC Male to N Female	1		1	RFT-1234
TNC Male to UHF Female	1		1	RFT-1235
TNC Female to UHF Male	1		1	RFT-1236
TNC Male to RCA Female	1		1	RFT-1237
TNC Female to RCA Male	1		1	RFT-1238
TNC Female to FME Female	1		1	RFT-1240
TNC Male (QD) to FME Female	1		1	RFT-1242
TNC Female to NEC P3	1		1	RFT-1243
TNC Female to SMA Female			1	RSA-3473
Mini-UHF Male to N Female	1	1		RFU-620
Mini-UHF Male to UHF Female	1	1		RFU-621
Mini-UHF Male to BNC Female	1	1		RFU-622
Mini-UHF Male to TNC Female	1	1		RFU-623
Mini-UHF Male to Mini-UHF Male	1	1		RFU-624
Mini-UHF Female to N Male	1	1		RFU-625
Mini-UHF Female to UHF Male	1	1		RFU-626
Mini-UHF Female to BNC Male	1	1		RFU-627
Mini-UHF Female to TNC Male	1	1		RFU-628
Mini-UHF Female to Mini-UHF Female	1	1		RFU-629
Mini-UHF Female to Mini-UHF Male Right Angle	1	1		RFU-630
Mini-UHF Male to double Mini-UHF Female	1	1		RFU-631
Triple Mini-UHF Female	1	1		RFU-632
Mini-UHF Female to SMA (Motorola) Female	1	1		RFU-642
Mini-UHF Male (QD) to Mini-UHF Female	1	1		RFU-643
BNC Female to SMA (Motorola) Female	1			RFB-1142-4
TNC Female to SMA (Motorola) Female	1			RFT-1241-4



TNC Female to FME Female
RFT-1240



TNC Male (QD) to FME Female
RFT-1242



TNC Female to NEC P3
RFT-1243



Mini-UHF Female to
SMA (Motorola) Female
RFU-642



Mini-UHF Male (QD)
to Mini-UHF Female
RFU-643



TNC Female to
SMA (Motorola) Female
RFT-1241-4



SMA (Motorola) Female
to BNC Female
RFB-1142-4



INDIVIDUAL ADAPTERS are shown at 75% actual size.



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Revised 7-07-2013

Contents of Cellular Radio Adapter Kits

Bookshelf Adapter Kits

INDIVIDUAL ADAPTERS are shown at 75% actual size.



TNC Male to
TNC Male
RFT-1224



TNC Female to
TNC Female
RFT-1225



TNC Male to
TNC Female (Right Angle)
RFT-1227



TNC Male to
Double TNC Female
RFT-1228



Triple TNC Female
RFT-1229



TNC Female to
BNC Male
RFT-1230



TNC Male to
BNC Female
RFT-1231



TNC Female to
BNC Female
RFT-1232



TNC Female to
N Male
RFT-1233



TNC Female to
N Female
RFT-1234



TNC Male to
UHF Female
RFT-1235



TNC Female to
UHF Male
RFT-1236



TNC Male to
RCA Female
RFT-1237



TNC Female to
RCA Male
RFT-1238



TNC Female to
SMA Female
RSA-3473



Mini-UHF Male to
N Female
RFU-620



Mini-UHF Male to
UHF Female
RFU-621



Mini-UHF Male to
BNC Female
RFU-622



Mini-UHF Male to
TNC Female
RFU-623



Mini-UHF Male to
Mini-UHF Male
RFU-624



Mini-UHF Female to
N Male
RFU-625



Mini-UHF Female to
UHF Male
RFU-626



Mini-UHF Female to
BNC Male
RFU-627



Mini-UHF Female to
TNC Male
RFU-628



Mini-UHF Female to
Mini-UHF Female
RFU-629



Mini-UHF Female to
Mini-UHF Male (Right Angle)
RFU-630



Mini-UHF Male to
Double Mini-UHF Female
RFU-631



Triple
Mini-UHF Female
RFU-632



All adapters may be bought separately.



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MOBILE RADIO ADAPTER KIT (RFA-4021)

- 24 of the most popularly used adapters for the mobile radio professional
- Included are Type N, UHF, & BNC interfaces (see details below)
- Rugged, foam-lined, zippered case

Content of Mobile Radio Adapter Kit	
Description	Part Number
BNC Male to Double BNC Female	RFB-1130
Triple BNC Female	RFB-1131
BNC Male to BNC Female Right Angle	RFB-1132
BNC Male to BNC Male	RFB-1133
BNC Female to BNC Female	RFB-1134
BNC Male to UHF Female	RFB-1136
BNC Female to UHF Male	RFB-1137
BNC Female to RCA Male	RFB-1140
N Male to Double N Female	RFN-1010-1
Triple N Female	RFN-1011-1
N Male to N Female Right Angle	RFN-1012-1
N Female to N Female	RFN-1013-1
N Male to N Male	RFN-1014-1
N Male to UHF Female	RFN-1035-1
N Female to UHF Male	RFN-1036-1
N Male to BNC Female	RFN-1037-1
N Female to BNC Male	RFN-1038-1
N Female to BNC Female	RFN-1039-1
UHF Male to UHF Female	RFU-532
UHF Male to Double UHF Female	RFU-533
Triple UHF Female	RFU-534
UHF Female to UHF Female	RFU-536
UHF Male to UHF Male	RFU-538
UHF Female to BNC Female	RFU-545

**24 Adapters
in one kit!**



All adapters may be bought separately.



All our bookshelf kits store compactly on a shelf and have the name silkscreened on the binding edge for easy recognition. Speak to your sales representative about having your company custom information printed on your minimum kit order.

Mobile Radio Coaxial Adapter Kit

Bookshelf Adapter Kits

INDIVIDUAL ADAPTERS are shown at 75% actual size.



BNC Male to
Double BNC Female
RFB-1130



Triple
BNC Female
RFB-1131



BNC Male to
BNC Female (Right angle)
RFB-1132



BNC Male
to BNC Male
RFB-1133



BNC Female
to BNC Female
RFB-1134



BNC Male
to UHF Female
RFB-1136



BNC Female
to UHF Male
RFB-1137



BNC Female
to RCA Male
RFB-1140



N Male to
Double N Female
RFN-1010-1



Triple N Female
RFN-1011-1



N Male to
N Female (Right Angle)
RFN-1012-1



N Female to
N Female
RFN-1013-1



N Male to
N Male
RFN-1014-1



N Male to
UHF Female
RFN-1035-1



N Female
to UHF Male
RFN-1036-1



N Male to
BNC Female
RFN-1037-1



N Female to
BNC Male
RFN-1038-1



N Female to
BNC Female
RFN-1039-1



UHF Male to
UHF Female
RFU-532



UHF Male to
Double UHF Female
RFU-533



Triple
UHF Female
RFU-534



UHF Female
to UHF Female
RFU-536



UHF male
to UHF Male
RFU-538



UHF Female
to BNC Female
RFU-545



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Revised 7-07-2013

ONE KIT CRIMPS MOST COAXIAL CONNECTORS

Deluxe Kit (RFA-4009-200) — 1 handle plus all 5 dies (shown)

Basic Kit (RFA-4009) — 1 handle plus 2 most popular dies
(Dies included are RFA-4009-01 and RFA-4009-05, shown at bottom of page)

Kits

- Professional steel piston ratcheting crimp tool
- Changeable die sets
- Crimps most LMR-100 to LMR-600 size connectors
- Tool for quick die removal
- Rugged, foam-lined case



CRIMP HANDLE AND SPECIFIC HEX DIE — BOXED SEPARATELY

Boxed Sets



Crimp Tool and Die in Cardboard Box	RF Connectors Brand Cable Groups	Contains this Die (see hex cavities below)
RFA-4009-201	L2	RFA-4009-01
RFA-4009-203	D, P, X, W	RFA-4009-03
RFA-4009-204	B, J, S	RFA-4009-04
RFA-4009-205	E, F, I, R	RFA-4009-05
RFA-4009-206	C, C1, C2	RFA-4009-06

PROFESSIONAL GRADE CRIMP TOOL (RFA-4009-20)

Ala Carte

- Steel piston ratcheting
- Cushion grip handle
- Blue anodized finish
- Weight: 1.3 lb.
- Equivalent to M22520/5-01
- Designed for ease of crimping
- Easier compression on larger ferrules
- Auto release when crimp complete
- Tool for quick die removal
- Accommodates up to LMR-600 or other .6-inch low-loss cable



INDIVIDUAL DIES



RFA-4009-01
Hex cavity: .610"



RFA-4009-03
Hex cavities: .042", .068", .255"



RFA-4009-04
Hex cavities: .068", .130", .178"



RFA-4009-05
Hex cavities: .100", .118", .429"



RFA-4009-06
Hex cavities: .068", .100", .213"

- 7-16 DIN and N-type interfaces
- Machined brass with PTFE dielectrics and silver-plated bodies
- Silver-plated contact
- Low passive intermodulation and low VSWR
- Die-cut foam in a compact zippered leatherette case



Technicians in the cellular, PCS, GPS and digital communication fields are finding more requirements for this connector interface. For cellular communications, the 7-16 DIN offers technical advantages over the N or SMA connector interface. Capable of carrying high power at high frequencies, 7-16 DINs are larger, more precise and offer more stable electrical and mechanical connections with improves VSWR performance. The RFA-4013 adapter kit offers a convenient means to bridge type N devices to 7-16 DIN interfaces on the test bench and in the field.

All adapters are made in the U.S. of machined brass with PTFE dielectrics and silver-plated bodies for improved intermodulation performance. All contacts in this series are silver plated as well.

This 6-piece kit contains one each of the adapters shown here. The adapters are conveniently stored in die-cut foam within a compact zippered leatherette case.

Content of 7/16 DIN Adapter Kit

Description	Part Number
7/16 DIN Male to 7/16 Female Right Angle	RFD-1652-2
7/16 DIN Female to 7/16 DIN Female	RFD-1653-2
7-16-DIN Male to N Male	RFD-1670-2
7-16-DIN Male to N Female	RFD-1671-2
7-16-DIN Female to N Male	RFD-1672-2
7-16-DIN Female to N Female	RFD-1673-2



INDIVIDUAL ADAPTERS are shown at actual size, photos are grayscale.
All adapters may be bought separately.



7-16-DIN Male to
7-16 DIN Female (RA)
RFD-1652-2



7-16-DIN Female
to 7-16 DIN Female
RFD-1653-2



7-16-DIN Male
to N Male
RFD-1670-2



7-16-DIN Male
to N Female
RFD-1671-2



7-16-DIN Female
to N Male
RFD-1672-2



7-16-DIN Female
to N Female
RFD-1673-2

Why Unidapt™?

Create any inter-series or intra-series adapter you need in seconds!

Our Universal Center Adapter is the key

Each Unidapt™ fitting has a common connector end and a universal adapter end. Simply choose the two common connector ends you need, and screw them together with the universal adapter. It's so easy. That's why technicians love it! Our ingenious adapter kits let you mix and match any 2 male or female coaxial fittings. Build the perfect adapter or cable assembly for the job — Male-to-Male, Male-to-Female, or Female-to-Female.



Universal
Center Adapter



Universal adapter mates with all Unidapt™ interface adapters. Other side of universal adapter then mates with any other Unidapt™ interface adapter.

"CLASSIC" UNIDAPT™ KIT CONTAINS OUR MOST POPULAR ADAPTERS

- Adapters housed in foam-lined soft, zippered case
- Made of silver-plated machined brass with gold-plated phosphor bronze contact, anchored in a PTFE dielectric

CONTENTS OF 30-PIECE Unidapt™ KITS					
Description (Interface to Unidapt™ Interface)	Classic RFA-4024	WiFi RFA-4024-WIFI	Part Number	White Bronze RFA-4024-WB	Part Number
Universal Adapters	6	6	PT-4000-013	6	PT-4000-013-WB
BNC Male	2	1	PT-4000-004	2	PT-4000-004-WB
BNC Female	2	1	PT-4000-010	2	PT-4000-010-WB
N Male	2	2	PT-4000-003	2	PT-4000-003-WB
N Female	2	2	PT-4000-009	2	PT-4000-009-WB
SMA Male	2	2	PT-4000-006	2	PT-4000-006-WB
SMA Female	2	2	PT-4000-012	2	PT-4000-012-WB
TNC Male	2	2	PT-4000-005	2	PT-4000-005-WB
TNC Female	2	2	PT-4000-011	2	PT-4000-011-WB
UHF Male	2		PT-4000-001	2	PT-4000-001-WB
UHF Female	2		PT-4000-007	2	PT-4000-007-WB
Mini-UHF Male	2		PT-4000-002	2	PT-4000-002-WB
Mini-UHF Female	2		PT-4000-008	2	PT-4000-008-WB
MMCX Male		1	PT-4000-117		
MMCX Female		1	PT-4000-118		
RP-SMA Male		2	PT-4000-133		
RP-SMA Female		2	PT-4000-134		
RP-TNC Male		2	PT-4000-135		
RP-TNC Female		2	PT-4000-136		

CLASSIC
RFA-4024



RFA-4024-WIFI

LEGACY

CONNECTORS

ADAPTERS

TOOLS

KITS

LEGACY

REFERENCE



All adapters may be bought separately. See reverse.



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728
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Revised 7-07-2013

Classic Unidapt™ Kits

43-PIECE KIT INCLUDES THE "CLASSIC" AND VALUABLE ACCESSORIES

- Contents of "Classic" Unidapt™ Kit
- Includes valuable accessories: RF Sampler, Right Angle & T Adapters, Binding Posts, Banana Plugs, RCA & F connectors

ADDITIONAL 13 PIECES IN 43-PIECE Unidapt™ KITS			
Description (Interface to Unidapt™ interface)	Expanded RFA-4023-01	WiFi RFA-4023-WIFI	Part Number
RCA Male	2	1	PT-4000-014
RCA Female Phono Jack	2	1	PT-4000-015
F Female	2	1	PT-4000-016
F Male	2	1	PT-4000-017
Unidapt™ Male to Double Banana Plug	1	1	PT-4010-021
Unidapt™ Male to Double Binding Post	1	1	PT-4010-020
Unidapt™ Female R/A Adapter	1	1	PT-4000-026
Unidapt™ Female T-Adapter	1	1	PT-4000-027
Unidapt™ RF Sampler - 1 Piece Unit	1	1	RFA-4059-A1



**CLASSIC
EXPANDED**
RFA-4023-01

EXPANDED
RFA-4023-WIFI



R/A Adapter
PT-4000-026



T-Adapter
PT-4000-027



Binding Post
PT-4010-020



Banana Plug
PT-4010-021



RF Sampler
RFA-4059-A1

Right Angle and T-Adapters

- Can be used with all female UNIDAPT™ adapters
- Can be bought together as part number RFA-4025

Binding Post and Banana plug

- Expand the capabilities and applications for Unidapt™ kits
- Made of high quality injection-molded ABS plastic

Unidapt™ RF Sampler and Injector

- Cut test time in half
- Uses any of the fittings found in the Unidapt™ kits
- Allows sampling of RF power in transmit without affecting the antenna circuit
- An adjustable BNC female port allows a 20-80 dB attenuated signal up to 3 GHz
- Can also be left permanently in the antenna circuit for RF power failure monitoring purposes
- Available with N male and N female adapters, part number RFA-4059-A

How to Use:

Insert the RFA-4059-A1 between the antenna or dummy load.

The Key!

CONTENTS OF CLASSIC KITS

INDIVIDUAL ADAPTERS are shown at 65% actual size



All adapters and accessories may be bought separately.



**Universal
Center Adapter**
PT-4000-013



BNC Male
PT-4000-004



BNC Female
PT-4000-010



N Male
PT-4000-003



N Female
PT-4000-009



SMA Male
PT-4000-006



SMA Female
PT-4000-012



TNC Male
PT-4000-005



TNC Female
PT-4000-011



UHF Male
PT-4000-001



UHF Female
PT-4000-007



Mini-UHF Male
PT-4000-002



Mini-UHF Female
PT-4000-008



MMCX Male
PT-4000-117



MMCX Female
PT-4000-118



RP SMA Male
PT-4000-133



RP SMA Female
PT-4000-134



RP TNC Male
PT-4000-135



RP TNC Female
PT-4000-136



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Reference

[Cable Groups](#)

[Mounting Configurations](#)

[Assembly and Mounting Guide](#)

[Crimp vs Solder](#)

[WiFi Interface Identifier](#)

[Useful Information](#)

[Military/UG Connector & Adapter Cross Reference](#)

[Index by Part Number](#)



CABLE GROUPS

Please note that cable specifications may be changed by manufacturers. Contact us for a more complete list of manufacturers and cable types.

** These cables have smaller center conductors than others in this group. The contacts will not work well with a crimp, and therefore must be soldered during installation.

For your convenience, we have assigned a cable group letter to similar cables from different cable manufacturers. If you don't find a certain cable below, a more extensive list of cables by manufacturer are found on the following pages.

GRP	Cable Types
A	RG-178, 178A, 178B, 196, 196A/U; Belden 83265
B	Times LMR-100A; RG-174, 188, 188A, 316/U; Alpha 9174, 9316; Belden 7805A, 8216, 83269, 83284, 84316; CommScope AMC-174, WBC-100
B1	RG-316/U Double Shield; RD-316; Belden 83269; Coleman 1596
C	Times LMR-195, LMR-200-LLPL; RG-58, 58A, 58C, 141, 141A/U; Andrew CNT-195, CNT-195-DB, CNT-195-FR; Belden 7806A, 8219, 8240, 8259, 8262, 9201, 9203, 9310, 9311; CommScope WBC-195, WBC-195R, 0268, TCOM-195, TCOM-195-FR; Harbour HPF195
C1	RG-55, 55A, 55B, 142, 142A, 142B, 223, 400/U; Alpha 9055, 9055B, 9223; Belden 7806A, 83242
C2	Times LMR-200, MSI-22; Alpha 9848; Belden 7807A; CommScope AMC-58L, WBC-200, WBC-200R, TCOM-200, TCOM-200-FR; Harbour HPF200
C3	RG-58/U Plenum, RG-122/U; Alpha 9859, 91585; Belden 82240, 82907, 88240, 89907
D	RG-59, 59A, 59B, 62, 62A, 62C/U; Alpha 9059, 9062, 9830, 9840, 9845; Belden 8221, 8241, 9169, 9204, 9228; Canare LV-615; CommScope 5550, 5555, 5560, 5563
D1	Belden 1426A, 1505A, 8212, 8241F, 9100, 9110, 9165, 9171, 9240, 9259, 9265, 9274, 9275, 9659, YR2393D; CommScope 5553, 5565, 5552, 5550, 5567, 5571
D2	Belden 8279, 8279A, 9209, 9209A, 82241, 88241; CommScope 2041K, 7573
D3	RG-59/U Type; Belden 1506A, 1825A, 1826A, 8210B, 8910B, 89259; CommScope 2045, 2045V, 2065V
E	Times AA-4478; RG-8/U, 8A, 213/U; Alpha 9008, 9213; Belden 8267, 9251, 9880, 89880; Intercomp 4082, 22132
F	RG-9, 9A, 9B, 214/U; Alpha 9214; Belden 8242, 8268
G	Alpha 9807, 9808, 9813; Belden 8281, 9141, 9231, 88281; CommScope 2527K, 7501, 7503, 7505, 7506; Canare LV-775; Western Electric WE724, WE728, WE729
I	Times AA-5886, AA-6146, LMR-400, LMR-400 UltraFlex; Andrew CNT-400, CNT-400AL, CNT-400-DB, CNT-400-FR, CNT-400-FRP; Belden 7810A, 8214, 9913; CommScope TCOM-400, TCOM-400-FR, TCOM-400-PUR, WBC-400, WBC-400R, Cushcraft Ultralink TL93605; Harbour HPF400
I2	Times LMR-400-LLPL
J	Belden 1164A, 1164B, 1167B, 1263A, 1406B, 1407B, 1417B, 1818B, 1865A, 8218; CommScope 7537, 753603, 753604, 753605; Raychem EPD 0810
K	CommScope 735, 73501, 73501P
L1	Times LMR-500, LMR-500 UltraFlex; CommScope TCOM-500, TCOM-500-FR, WBC-500, WBC-500R
L2	Times LMR-600, LMR-600 UltraFlex; Andrew CNT-600, CNT-600-DB, CNT-600-FR; CommScope TCOM-600, TCOM-600-FR, TCOM-600-PUR, WBC-600, WBC-600R
L6	Times LMR-300; Andrew CNT-300, CNT-300AL, CNT-300-DB, CNT-300-FR; Belden 7809; CommScope TCOM-300, TCOM-300-FR, WBC-300
M	Times MSI-15; RG-122/U; Belden 82907, 88240, 89907; Motorola White PTFE
P	Times AA-3096; Antenna Specialist K214, Pro-Flex 800
PL	Belden 89913
Q	RG-6/U Type; Belden 1694A, 9248; CommScope 5715, 5729, 5765
Q1	RG-6/U Type Plenum; Belden 1695A, 82120, 82248, 87120, 89120, 89248; CommScope 2278, 2278V, 2279, 2279K, 2279V
Q3	Alpha 9006A; Belden 8215; BICC General C5810; Carol/Columbia C5810; Coleman 8418, 988418, M17/2-RG6; CommScope 5710; Consolidated 4433; CZ Labs 3403P; Dearborn D4204; Huber+Suhner G 05133 D, RG 6 A/U; International Electronic Wire & Cable Company 4002; Manhattan M4204; Times Microwave 17-05-92 QPL, 17-663-83, AA-3810, AA-7276, L558-RG6, M17/180-00001, M18/2-RG6; Welco Wire W006A
R	RG-11/U TYPE; BELDEN 8213, 8238, 8261, 9011, 9292; COMMSCOPE 3247, 5901, 5903, 5908, 5909, 5916, 5916R, 5918
S	RG-161, 179, 179A, 187, 187A/U; Belden 1520A, 1521A, 1522A, 9221; CommScope 15-55340
S1	RG-179/U Double Shield
SR0	.047 Semi Rigid; M17/151
SR1	.085 Semi Rigid; RG-405/U; Belden 1671A; RD-179
SR2	.141 Semi Rigid; RG-402/U; Belden 1673A
SR3	.250 Semi Rigid; RG-401/U
W	CommScope 734A, 734C1, 734C1P, 734D, 734S1
X	Times LMR-240, LMR-240 UltraFlex; RG-8X; ANDREW CNT-240, CNT-240AL, CNT-240ALS, CNT-240-DB, CNT-240-FR, CNT-240-W; Belden 9258; CommScope TCOM-240, TCOM-240-FR, WBC-240, WBC-240R; Harbour HPF240; Micro 8/U; Remee 1600; Saxton 8315



CABLE GROUPS — Continued

Please note that cable specifications may be changed by manufacturers. Contact us for a more complete list of manufacturers and cable types.

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Aerospace Wire & Cable	9011A.....R1	9845.....D	AT&T	7807R.....C2	9116R.....Q
4060.....Q1	9055.....C1	9847.....R	7288B.....G	7808A.....X	9117.....Q
4062.....Q1	9055B.....C1	9848.....C2	KS-19224-L2.....B	7809A.....L6	9118.....Q
4064.....Q1	9058.....C	9851C.....E		7809R.....L6	9141.....Q
4068.....Q	9058A.....C	9858.....C	BBC	7810A.....J	9165.....D
4068.....Q	9058AC.....C	9858A.....C	PSF1/2M.....G	7810R.....J	9165.....D1
4080**.....I1	9058C.....C	9859.....C3	PSF1/4M.....E	8212.....D1	9169.....D4
4110.....R2	9058X.....C	9859-EL.....C3		8213.....R	9170.....J
4114.....R2	9059.....D	9861F.....C3	Belden	8214.....J	9171.....D1
4118.....R2	9059B.....D	9871C.....C	1151A.....D1	8215.....Q3	9201.....C
4580.....C3, M	9059C.....D	9871F.....C3	1164A.....J	8216.....B	9203.....C
4581.....C3, M	9062.....D	89292.....R2	1164B.....J	8218.....J	9204.....D
4584.....C3, M	9062A.....D	1501908.....R3	1167B.....J	8219.....C	9209.....D2
4588.....C1	9062AC.....D		1263A.....J	8221.....D	9209A.....D2
4589.....C3, M	9071B.....D4	Amphenol	1263B.....J	8237.....E	9212.....R1
4590.....D3	9101.....D2	B3002.....S1	1406B.....J	8238.....R1	9221.....S
4590BC.....D3	9102.....D3	TU-195.....C	1407B.....J	8240.....C	9223.....C
4592.....D3	9102-EL.....D3	TU-400.....J	1417B.....J	8241.....D	9224.....D
4594.....D2	9104.....Q1	TWB-4001.....J	1418B.....J	8241A.....D	9228.....D
4597.....D2	9104-EL.....Q1	TWB-2001.....C2	1426A.....D1	8241B.....D	9231.....G
4598.....D1	9105.....R2	TWB-2401.....X	1505A.....D1	8241F.....D1	9239.....B
4620.....D2	9158.....C3	TWB-6001.....L2	1505F.....D	8242.....F	9240.....D1
4750K.....G1	9158S.....C3		1506A.....D3	8254.....D	9244.....D
	9159.....D2	Andrew	1520A.....S	8255.....D	9248.....Q
Alpha	9162.....D2	241543.....J	1521A.....S	8259.....C	9251.....E
1153A.....R3	9162-EL.....D2	CNT-195.....C	1522A.....S	8261.....R1	9252.....C3, M
1671A.....SR1	9162F.....D2	CNT-195-DB.....C	1523A.....R	8262.....C	9258.....X
3095A.....R3	9174.....B	CNT-195-FR.....C	1523R.....R	8263.....D	9259.....D
8010.....D1	9178B.....A	CNT-240.....X	1530A.....Q	8267.....E	9265.....D1
8020.....D1	9179B.....S	CNT-240-AL.....X	1530AP.....Q1	8268.....F	9268.....D4
8030.....D1	9180B.....S1	CNT-240-ALS.....X	1532A.....Q	8279.....D2	9269.....D
8040.....D1	9187A.....S	CNT-240-DB.....X	1671A.....SR1	8279A.....D2	9273.....C1
8238.....R1	9188A.....B	CNT-240-FR.....X	1673A.....SR2	8281.....G	9274.....D1
8261.....R1	9196A.....A	CNT-240-W.....X	1694A.....Q	8281B.....G	9275.....D1
8510.....R	9212.....R1	CNT-300.....L6	1695A.....Q1	8281F.....G2	9290.....Q4
8520.....Q	9213.....E	CNT-300-DB.....L6	1824A.....D3	9011.....R	9292.....R
8610.....Q	9214.....F	CNT-300-FR.....L6	1825A.....D3	9052.....D1	9310.....C
8611.....Q	9223.....C1	CNT-400.....J	1826A.....D3	9054.....D1	9311.....C
8615.....Q	9259.....D	CNT-400-AL.....J	1828A.....Q	9058.....Q	9355.....D
8620.....Q	9316.....B	CNT-400-DB.....J	1829A.....Q	9060.....Q	9659.....D1
8621.....Q	9803C.....D	CNT-400-FR.....J	1835A.....J	9062.....Q	9764.....R
8630.....Q	9804C.....Q	CNT-400-FRP.....J	1865A.....J	9064.....R	9850.....F1
8640.....Q	9805.....D4	CNT-600.....L2	7710A.....Q	9066.....Q	9862.....D
8650.....Q	9807.....G	CNT-600-DB.....L2	7711A.....Q	9100.....D1	9880.....E
8651.....Q	9808.....G	CNT-600-FR.....L2	7712A.....Q	9104.....D1	9907.....C
8652.....Q	9810.....D2		7713A.....Q	9104P.....D3	9913.....J
8653.....Q	9811.....G	Antenna Specialist	7731A.....R	9104R.....D1	9913F.....J
8654.....Q	9813.....G2	18-1-2.....C	7733A.....PL	9108.....D1	9913UF.....J
8655.....Q	9825C.....R	18-158-2.....E	7805A.....B	9108P.....D3	9914.....J
9006A.....Q3	9830.....D	K-214.....P	7805R.....B	9110.....D1	82108.....D3
9008.....E	9840.....D	KE214.....C	7806A.....C	9114.....Q	82120.....Q1
9008A.....E	9843.....Q	Pro-Flex 800.....P	7806R.....C	9116.....Q	82240.....C3, M
9011.....R1	9845.....D		7807A.....C2	9116P.....Q1	82241.....D2



CABLE GROUPS — Continued

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82248	Q1	640019	E	C5810	Q3	C1103	D1	C5774	Q	8465	F
82259	D3	640069	Q1	C5814	Q	C1104	D	C5775	Q	8465F	F
82262	D2	640143	C3, M	C5820	Q	C1106	D	C5776	Q	8480	D
82269	D2	642000	D2	C5822	Q	C1108	X	C5777	Q	92001	Q
82907	C3, M	642002	C3, M	C5824	Q	C1109	E	C5780	D1	92003	Q
83242	C1	642007	D3	C5826	Q	C1110	D	C5782	D1	92004	D
83264	S	642011	D2	C5834	D1	C1112	D	C5802	Q	92005	D
83265	A	650013	E	C5836	D	C1113	E	C5804	Q	92006	D
83266	S1	650072	C	C5842	D1	C1116	C	C5810	Q3	92007	R
83267	S	650075	C3, M	C5844	D1	C1117	C	C5814	Q	92009	D
83269	B1	655636	D	C8005	D	C1135	D	C5820	Q	92011	Q
83284	B	655645	D	C8025	D1	C1142	D1	C5822	Q	92032	Q
84142	C1	655828	D	C8027	D1	C1152	E	C5824	Q	92041	Q4
84303	C3, M	BITDC-59D-TT	D			C1154	E	C5826	Q	92045	Q
84316	B	RG 142	C1	British Standard		C1155	C	C5832	D1	92049	Q
86262	D2	RG 316	B			C1156	B	C5834	D1	92061	Q
87120	Q1	RG 316DS	B1	URM 43	C	C1157	B	C5836	D	92071	Q4
87269	D2	RG 400	C1	URM 67	E	C1160	R1	C5842	D1	92074	D1
88240	C3, M			URM 72	C	C1161	D	C5844	D1	92094	D1
88241	D2	BICCGeneral		URM 76	C	C1162	D	C6102	C1	99401	J1
88281	G			URM 90	D	C1163	D	C6113	C1	99403	J1
89108	D3	C1102	D1	URM 95	B	C1164	D	C6141	D	99405	J1
89120	Q1	C1103	D1	URM 102	E	C1165	D	C6144	D	99415	J1
89248	Q1	C1104	D	URM 110	A	C1166	C	C6151	C	99425	J1
89259	D3	C1106	D	URM 112	F	C1172	C	C6152	C	99426	J1
89269	D2	C1110	D			C1174	C	C6153	C	99501	W
89292	R2	C1112	D	Cable X-Perfs		C1176	E	C6154	C	99601	Q
89555	D2	C1116	C			C1178	C	C6156	C	99901	R2
89880	E	C1117	C	5915	R	C1180	J	C6161	E	99911	Q4
89907	C3, M	C1135	D	CXP006	Q	C1188	C	C6176	B	99959	D2
89913	PL	C1142	D1	CXP008	J	C1190	G	C6178	E	99962	D2
H1000PE	I	C1154	E	CXP011	R1	C1191	G	C6179	E	99969	D3
YR2393D	D1	C1155	C	CXP058	C	C1192	G	C6181	G	99979	D3
		C1156	B	CXP058A	C	C1198	J	C6182	G	191037	R
		C1162	D	CXP059	D	C1199	J	C6201	D	192061	Q
		C1164	D	CXP142	C1	C3500	D3	C8005	D	192115	D5
735A1	K	CXP174	B	CXP213	E	C3519	C3, M			821003	R2
735A12	K	CXP214	F	CXP223	C1	C3520	D2			821005	R2
735A12P	K	LMR100	B			C3521	Q1	Coleman		821007	R3
735A16	K	TJ1178	A			C3523	Q1			821008	R3
735A1P	K	TJ1188a	B			C3579	C3, M	1587	R1	821009	Q
735A2	K	TJ1196a	A			C5011	R	1591	C	821010	R3
735A24	K	TJ1316	B			C5015	J	1591F	C	821011	R3
735A2P	K	TJ1393	J			C5025	R	1596	B1	821013	R3
735A3	K	TJ1400	C1			C5029	R	1596F	B1	821015	C3, M
735A3P	K					C5034	R	8296	F	920036	Q
735A6	K					C5039	R	8299	D	920039	Q
735A6P	K					C5041	R	8405	D	920069	D
735A8	K					C5043	R	8409	E	920411	Q4
735A8P	K					C5044	R	8409F	E	920413	Q4
735A9	K					C5045	C	8409F08	E	920414	Q4
735A9P	K					C5755	D	8418	Q3	921001	Q1
735AT1	K					C5760	Q1	8421	F	921003	Q1
735AT1P	K					C5761	Q	8421F	F	921005	Q1
735AT2	K					C5770	D	8422	C1	921006	Q1
735AT2P	K							8422F	C1		



CABLE GROUPS — Continued

Please note that cable specifications may be changed by manufacturers. Contact us for a more complete list of manufacturers and cable types.

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921007	Q1	991049	C	993211	J	2040K	D2	2426	PL	5700	Q
921009	Q1	991051	C	993251	D	2040V	D2	2426K	PL	5710	Q3
921015	Q1	991053	C	993253	D1	2041K	D2	2427	PL	5713	Q
921017	Q1	991055	D	993254	D2	2045	D3	2427K	PL	5715	Q
921019	Q4	991057	D	993256	D3	2045K	D3	2527	G1	5725	Q
921021	C3, M	991059	D	993259	D3	2045V	D3	2527K	G1	5726	Q
921023	C3, M	991061	D	993265	Q1	2054K	D3	3104	C	5727	Q
921024	D3	991069	B	993267	Q	2065K	D3	3111	C	5729	Q
921025	C3, M	991071	E	993403	I	2065V	D3	3112	C	5730	Q
921027	C3, M	991073	E	LL214	F	2094	D2	3123	C	5740	Q4
921033	D3	991074	F	M17/119-RG174	BI	2094K	D2	3125	C	5750	Q4
921035	D3	991075	F	M17/155-00001	C	2095	D7	3130	C	5765	Q
921037	D3	991077	F	M17/163-00001	E	2095K	D2	3135	C	5786	Q
921041	D2	991079	C1	M17/164-00001	F	2096	D3	3136	C	5901	R
921093	C1	991085	F	M17/164-00002	F	2096K	D3	3137	C	5903	R
921094	C1	991330	S	M17/167-00001	C1	2100	C3, M	3138	C	5904	R
988214	F	991401	C1	M17/173-00001	BI	2100K	C3, M	3139	C	5905	R1
988296	F	991737	D	M17/28-RG058	C	2100V	C3, M	3140	C	5908	R1
988299	D	991750	B	M17/29-RG059	D	2104	C3, M	3222	I	5909	R
988405	D	991779	F	M17/2-RG6	Q3	2104K	C3, M	3226	I	5913	R
988409	E	991783	C1	M17/30-RG-62	D	2104V	C3, M	3227	I	5915	R
988410	E	992101	D1	M17/6-RG011	R1	2120	C3, M	3228	I	5916	R
988411	E	992103	D1	M17/74-RG213	E	2120K	C3, M	3229	I	5916R	R
988418	Q3	992109	D1	M17/74-RG215	E	2125	C2	3240	I	5917	R
988421	F	992113	D1	M17/75-RG214	F	2125K	C2	3244	E	5918	R
988422	F	992115	D1	M17/75-RG365	F	2135	C3, M	3247	E	5940	R3
988423	C1	992117	D	M17/77-RG216	F	2135K	C3, M	3249	E	5950	R4
988424	C1	992119	D1	M17/84-RG225	C1	2227	Q6	3250	E1	5951	R4
988465	F	992123	D	M17/90-RG071	D	2227K	Q	5520	D1	6200	D
988466	F	992125	D			2227V	Q6	5540	D5	6201	D
988480	D	992127	Q	CommScope		2228	Q6	5550	D	6205	D4
988587	R1	992128	Q	7-F39 HEC-2 VV	D5	2228K	Q6	5550M	D1	6605	D4
988591	C	992132	Q	15-55340	S	2250	D2	5552	D1	6608	D
988592	C	992133	Q	0623	I	2250K	D2	5553	D1	6609	D
988596	BI	992135	Q	0624	L2	2251	D2	5554	D1	6611	D
988597	BI	992139	Q	0626	L2	2251K	D2	5555	D	6612	D
991003	E	992141	Q	720T1	J	2275	Q1	5556	D	6615	D
991005	E	992143	Q	720T2	J	2275K	Q1	5557	D1	7500	G
991007	I	992144	Q	734A	W	2275V	Q1	5559	D	7501	G
991009	E	992147	Q	734C1	W	2276V	Q1	5560	D	7503	G
991011	I	992149	Q	734C1P	W	2278	Q1	5563	D	7505	G
991013	E	992151	Q4	734D	W	2278K	Q1	5564	D	7506	G2
991019	I	992153	R	734S1	W	2278V	Q1	5565	D1	7510	G
991025	R1	992155	R	735	K	2279	Q1	5567	D1	7536	J
991027	R1	992157	R	2020	D3	2279K	Q1	5569	D1	7537	J
991029	R	992161	R	2020K	D3	2279V	Q1	5570	D1	7538B	J1
991031	R1	992163	R	2020V	D3	2280	E1	5571	D1	7573	D2
991033	R	992165	R	2022	W	2280K	E1	5572	D1	7713	E
991035	R1	992423	Q	2022K	D5	2281K	E1	5572R	D1	7714	F
991037	R	992433	Q	2022V	D5	2285	R2	5573	D1	7715	F
991039	C	992479	Q	2037K	D3	2285K	R2	5574	D1	7723	C1
991041	C	992481	Q	2037V	D3	2287	R3	5575	D1	7725	C1
991043	C	993201	G	2039	D3	2287K	R3	5585	D1	7726	C1
991045	C	993203	G	2039K	D3	2288	R3	5586	D1	8003	D1
991047	C	993205	S1	2039V	D3	2288K	R3	5589	D	8123	Q



CABLE GROUPS — Continued

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8126	Q	F660BVR	Q	4472	D	C4130	Q	2592A	D	MSU	X
8130	Q	F660BVV	Q	4473	B	C4622	C	2592BD	D		
8133	Q	F660BVM BW	Q	4476	R	C6101	C3, M	2595A	D	Doburn	
8136	Q	F660BEF	Q	4477	E	C6102	C1	4081	I	1923	D
8510	D1	F1160BEF	R	4479	D2	C6113	C1	4081-G	I	1925	E
8530	Q	F1160BV	R	4484	C1	C6123	J	4081-W	I	1927	R
72001	J	F1160BVM BW	R	4485	D4	C6124	D2	4082	E	1928	C
72012	J	F1160BVR	R	4489	E	C6133	J	4085	E	1929	C
72016	J	F1160BVV	R	4490	F	C6134	D2	4585A	C	1930	D
73501	K	O273	D2	4491	F	C6143	D	4482	C	1925C	E
73501P	K	WBC-100	B	4494	D	C6144	D	4485	C	1925F	E
753603	J	WBC-195	C	4496	C1	C6144A	D	4590AL	D	1925X	X
753604	J	WBC-195NH	C	4499	D4	C6151A	C	4592A	D	1926C	C
753605	J	WBC-195R	C	4551	R	C6152	C	4595A	D	1929C	C
753803B	J1	WBC-200	C2	4552	R	C6153	C	4597A	D	1930C	D
753805B	J1	WBC-200R	C2	4555-CL	D1	C6154	C	4599AL	D	1930F	D
753808B	J1	WBC-240	X	4567-CL	D1	C6161	E	5622A	D	1930L	D
99901	R2	WBC-240NH	X	4580-CL	Q	C6166	Q	5625A	D	1931A	D
556510	D1	WBC-240R	X	4582-CL	Q4	C6178	E	8296	F	D142B/U	C1
AMC-174	B	WBC-300	L6	4585-CL	Q	C6201	D	8299	D	D174/U	B
AMC-316	B	WBC-400	I	4586	Q	C6231	C	8405	D	D178B/U	A
AMC-58	C	WBC-400P	PL	4590-CL	D	C6232	E	8409	E	D179B/U	S
AMC-58LL	C2	WBC-400R	I	4599	D	C6234	C	8409F	E	D188A/U	B
AMC-59	D	WBC-500	L1	4717	C1			8409FOB	E	D196A/U	A
CSW400R	I	WBC-500R	L1	4718	C1	Cushcraft Ultralink		8421	F	D213/U	E
CSW600P	L2	WBC-600	L2	4719	C1	TL92463	C	8421F	F	D214/U	F
CSW600R	L2	WBC-600R	L2	4727	A	TL92887	C	8422	C1	D316/U	B
F2-6SSVV	Q4			4728	A	TL93605	I	8422F	C1	D59	D
F2-6SSEF	Q4	Consolidated		4729	A			8465	F	D6/U	Q
F2-6SSVM	Q4	4400	E	4730	S	CSI / INTERCOMP		8465F	F	D62A	D
F2-660BVR	Q	4401	D	4731	S	I-4082X	X	8479	C3, M		
F2-660BVV	Q	4405	C	4735	S	I-4082X-G	X	8480	D	Dearborn	
F2-660BEF	Q	4406	C	4736	S	I-4082X-W	X	22132	E	6008	E
F2-660BVM	Q	4407	X	4737	B	I-4590QAL	G	41742	B	6008F	E
F2-1160BEF	R	4410	D	4738	B	2-2062B	G	82308	E	6058C	C
F2-1160BVM	R	4414	D	4757	C3, M	2-2082	E	LL214	F	6058F	C
F2-1160BVV	R	4415	E	4758	C3, M	2-2132	E			6059B	D
F6SSV	Q4	4417	D3	4759	B	2-2142	F			6059F	D
F6SSVM BW	Q4	4419	R1	4761	S	2-2232A	C1	333	E	6062A	D
F6SSEF	Q4	4433	Q3	4788	C3, M	2-2482	C	2201	C	6075SM	S1
F11SSEF BW	R4	4435	E	4790	E1	2-2592B	D	2694	C	6142B	C1
F11SSVM	R4	4440	R1	4791	R2	2-5622A	D	3401	Q4	6174	B
F11SSVR	R4	4447	C1	4796	Q1	3-2062B	G	3401P	Q4	6178B	A
F11SSVV	R4	4448	C1	4799	D7	1315	I	3401W	Q4	6179B	S
F59 HEC-2VV**	D5	4449	C	4858-CL	C3, M	1591	C	3403	Q	6180B	S1
F59 HEC-2/3-22	D5	4450	C	4862-CL	K	1591F	C	3403D	Q	6187A	S
F59 Mini HEC	D2	4452	D	4880-CL	E1	1596	B	3403DQ	Q4	6188A	B
F59SSV	D5	4454**	R1	74417	D2	1596F	B	3403P	Q3	6195A	S1
F59SSVV	D5	4455**	R1	74479	D2	2082	E	3403W	Q	6196A	A
F59SSEF	D5	4456	D	74758	C3, M	2132	E	4209	R	6213	E
F5967BV	D1	4457	C3, M	74788	C3, M	2142	F	4411	D	6214	F
F5967BVV	D1	4458	B	DX4401	D	2482	C	4411P	D2	6316	B
F5967BVM BW	D1	4459	B			2482A	C	4411W	D	6316DS	B1
F5967BEF	D1	4466	S1			2485	C	6611	B	6393	I
F660BV	Q	4470	D	Continental	D2	2585A	C	6700	E	6400	C

CABLE GROUPS — Continued

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D4182	Q	M17/175-00001	C1	General Cable	7135	C	VPM2000TK	D3	Speedflex 178	A	
D4201	E	M17-169-00001	A	91010	D3	7137	C	VPM2000TS	D3	Speedflex 178 UL 1375	A
D4202	R1	PXM6008	E	91013	C	7139	C	VPM618	D2	Speedflex 178 XL	A
D4204	Q3	PXM6008SM	X	91015	D3	7174	B	VRC618	D	Speedflex 295	C2
D4206	I	PXM6058C	C1	99062	D3	7213	E	VSD2001	Q	Speedflex 295 UL 1375	C2
D4207	R1	PXM6059	D	99159	D3	7214	F	VSD2001TS	Q1	Speedflex 295 XL	C2
D4208	R	PXM6213	E	99259	D3	7223	C1	VSM618	S	Speedflex 316	B
D4209	C			C5011	R	7240	I			Speedflex 316 UL 1375	B
D4210	C	DEC		C5025	R	7250	D2	German Standard		Speedflex 316 XL	B
D4211	D	17-00324-00	E1	C5029	R	7251	D2	P2L/7	E	Speedflex 316D	B1
D4213	C	17-00451-00	E1	C5034	R	7279	E	T0, 3L/1	A	Speedflex 316D UL 1375	B1
D4214	B	17-01246-00	C3, M	C5039	R	7280	E1	T0, 5L/2	B	Speedflex 316D XL	B1
D4219	C	17-01248-00	C	C5041	R	7287TK	R3	T2L/7	E	Speedflex 400	C1
D4223	D			C5043	R	7555	D			Speedflex 400 UL 1375	C1
D4237	D	Essex		E0218	S1	7572	D1	Habia		Speedflex 400 XL	C1
D4261	Q4	21-004	E	E0221**	S	7573	D1	M17/110-RG302	D2	Speedfoam 300	C2
D4262	R	21-537	C2	E9011	E1	7609	D	M17/111-RG303	C3, M	Speedfoam 300 UL 1375	C2
D4263	R1	21-780	F	E9058	C	7726	Q	M17/112-RG304	L6	Speedfoam 300 XL	C2
D4265	D	21-795	D	E9059	D1	7727	Q	M17/113-RG316	B	Speedfoam 500	L6
D4267	D	1000	E	E9062	D	7909	R1	M17/128-RG400	C1	Speedfoam 500 UL 1375	L6
D4276	D			E9159	D	7913	R	M17/138-00001	B	Speedfoam 500 XL	L6
D4279	Q	European Types		E9219	C	7915	R	M17/152-00001	B1	Speedfoam 700	I
D4280	D	KX 15	C	E9225	D	RGB6000	G	M17/158-00001	C1	Speedfoam 700 UL 1375	I
D44204F	Q1	KX 21A	A	E951X	E	RGB809	J	M17/159-00001	I	Speedfoam 700 XL	I
D44208F	R2	KX 22A	B	E9559	D1	RGB8809	J	M17/168-00001	F	Speedfoam 900	L1
D44209	C3, M	KX 23	C1	E9750	G	RGBSC809	J	M17/169-00001	A	Speedfoam 900 UL 1375	L1
D44212F	D3	KX 3A	B	E9906	Q	V61859	D	M17/170-00001	C3, M	Speedfoam 900 XL	L1
D44276	D3	KX 6A	D	E9908	E	V618M59	D	M17/171-00001	L6		
D44276F	D3	P2L/7	E	E9910	D	V618M59TK	D2	M17/172-00001	B	Harbour	
D5540	D1	T0, 3L/1	A	E9912	D4	VA2/3	D1	M17/175-00001	C1	CN142SCSC	C1
D5541	D1	T0, 5L/2	B	E9913	D	VA2/4	D1	M17/180-RG142	C1	CN142TCTC	C1
D5542	Q	T2L/7	E	E9914	B	VA2/5	D1	M17/185-RG165	I	CN178SC	A
D734	W	URM109	B	E9915	E	VA618-2/2	S1	M17/192-RG115	F	CN178TC	A
D734D	W	URM110	A	E9916	F	VA618-2/3	D	M17/193-00001	A	CN316SC	B
D734T	W	URM111	B	E9917	C1	VA618-2/3TP	S1	M17/193-RG178	A	CN316SCSC	B1
D735A	K	URM112	F	E9921	D	VA618-2/4	D	Maxshield 142	C1	CN316TC	B
FF047/50	SR0	URM116	B	E9990	E	VA618-2/5	D	Maxshield 142 UL 1375	C1	CN316TCTC	B1
FF086/50	SR1	URM301	C1	E9991	I	VA916-4/15	S2	Maxshield 316	B1	CN400SCSC	C1
FF086/50XE	SR1	URM43	C	E9992	I	VB1460	R	Maxshield 316 UL 1375	B1	CN400TCTC	C1
FF086/50XV	SR1	URM72	C	E9993	R	VD61859	D	Maxshield 400	C1	H10100	B1
FF086/75	SR4	URM76	C	E9994	R	VDPM809	S1	Maxshield 400 UL 1375	C1	H2773	D3
FF086/75XE	SR4	URM90	D	E9995	C	VE61859	D	RG 196A/U	A	H2869	Q1
FF086/75XV	SR4	URM91	F	E9996	W	VE61859M	D	RG-142B/U	C1	H2927	D3
FF141/50	SR2	URM95	B	E9997	D	VFM809	S1	RG-165/U	I	H2969	Q1
FF141/50XE	SR2	UT141A	K	E9998	C	VHD1100	R	RG-178B/U	A	H2988	R
FF141/50XV	SR2			E9999	D	VHD1100PEF	R	RG-302/U	D2	H6960	D1
FF250/50	SR3	French Standard				VHD2000M	D	RG-303/U	C3, M	HIS 178	A
M17/060-RG142	C1	KX 3A	B	Gepco		VHD2001M	Q	RG-304/U	L6	HIS 316	B
M17/093-RG178	A	KX 6A	D	181CV6	Q	V259U	D	RG-316/U	B	HPF195	C
M17/094-RG179	S	KX 15	C	181CV906	Q	VP6000	G	RG-400/U	C1	HPF195FR	C
M17/095-RG180	S1	KX 21A	A	201CV59	D1	VP618PE	G	RGD 178	A1	HPF195LSNH	C
M17/113-RG316	B	KX 22A	B	201V59	D1	VP618PE/AP	G	RGD 316	B1	HPF200	C2
M17/128-RG400	C1	KX 23	C1	7111	C	VP618PVC	G	Speedflex 142	C1	HPF200FR	C2
M17/158-00001	C1			7120	C3	VPM1000	D	Speedflex 142 UL 1375	C1	HPF200LSNH	C2
M17/172-00001	B			7130	C	VPM2000	D1	Speedflex 142 XL	C1	HPF240	X



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HPF240FR.....X	499082.....D2	G 02133 D-05.....S1	S 05273.....Q	3928.....C3, M	7518.....Q
HPF240LSNH.....X	499097.....D3	G 02232 D.....B1	S 06132 D.....E	3931.....D2	7519.....Q
HPF300.....L6	499099.....D3	G 02233.....S	S 06132 D-10.....E1	3932.....D2	7520.....D
HPF400.....I	499109.....C3, M	G 03130 HT.....D2	S 07232.....I	3934.....D	7521.....D
HPF400FR.....I		G 03133-06.....J	S 07232-1.....I	3935.....D3	7523.....D
HPF400LSNH.....I	Honeywell Genesis	G 03232.....C	S 10162 B-11.....L1	3938.....Q1	7525.....D6
HPP100.....B	5001.....D1	G 03233.....D2	S 10172 B-11.....L1	3940.....R2	7525F.....D6
HPP100FR.....B	5002.....Q	G 03233 D.....D2	S 12272-4.....L2	3941.....D2	7525M.....D6
HPP100LSNH.....B	5003.....Q	G 04233 D.....D4	SM 141.....SR2	3942.....D2	7527.....Q4
LL393-1.....I	5006.....D1	G 04273 D.....D4	SM 141 CUFEF.....SR2	3943.....D2	7527F.....Q4
LN178.....A	5007.....Q4	G 05133 D.....Q3	SM 141 CULSFH.....SR2	4002.....Q3	7527M.....Q4
LN316.....B	5008.....Q4	G 05232.....L6	SM 141 CUPE.....SR2	4008.....E	9000.....D
M17/113-RG316.....B	5009.....D1	G 05273-01.....D5	SM 141 FEP.....SR2	4009.....E	9001.....D
M17/128-RG400.....C1	5010.....Q	G 12232**.....L2	SM 141 LSFH.....SR2	4010.....F	9010.....D
M17/152-00001.....B1	5011.....Q	GX 03272.....C	SM 141 PE.....SR2	4011.....F	9014.....D
M17/158-00001.....C1	5012.....Q	GX 04273.....D	SM 250.....SR3	4012.....F	9016.....D
M17/169-00001.....A	5013.....D1	GX 07272.....E	SM 250 FEP.....SR3	4015.....R	9018.....D
M17/172-00001.....B	5018.....R	K01232-05.....A	SM 86.....SR1	4016.....R	9020.....D1
M17/175-00001.....C1	5020.....J2	K01292.....A	SM 86 FEP.....SR1	4027.....C1	9022.....J
M17/60-RG142.....C1	5021.....Q4	K 02232 D.....B1	SM 86 PE.....SR1	4028.....C	9036.....G
M17/93-00001.....A	5022.....J2	K 02252 D.....B1	Sucoform 47.....SR0	4029.....C	9040.....R
M17/93-RG178.....A	5025.....Q4	K 02253 D-02.....S	Sucoform 86.....SR1	4030.....C	9044.....Q4
RG 196A/U.....A	5026.....Q4	K 03252 D.....C1	Sucoform 141.....SR2	4032.....D	9048.....Q
RG-188A/U.....B	5027.....Q4	K02102.....SR1	Sucoform 250.....SR3	4033.....D	9049.....Q
SB142.....C	5035.....D2	K03202.....SR2	SX 07272.....I	4035.....D	9050.....R
SB316.....B	5038.....Q	Multiflex 86.....SR1	SX 12272-01.....L2	4036.....D	9062.....D
SB393.....I	5039.....D1	Multiflex 141.....SR2		4036F.....D	9080.....E
SB400.....C1	5103.....D1	RG 6 A/U.....Q3	IBM	4036F.....D	9085.....E
SS405.....B	5104.....D1	RG 11 A/U.....R1	323921.....D	4037.....D	9086.....I
	5105.....Q	RG 58 C/U.....C	1501917.....D1	4041.....D	9090.....E
Helix/Hilemp	5106.....Q4	RG 59 B/U.....D	4885584.....D2	4042.....D	9091.....X
395001.....D	5301.....D1	RG 62 A/U.....D	48855841.....D2	4043.....D	9095.....E
395002.....D	5302.....Q	RG 141 A/U.....C	488558411.....D2	4050.....C3, M	9096 IIA.....I
395003.....D1	5303.....Q	RG 142 B/U.....C1		4051.....C1	90962A.....I
395004.....D	5307.....Q4	RG 165/U.....E	IEEE	4052.....C	9100.....C
395010.....F	5351.....D3	RG 174/U.....B	802.3 10 Base 2.....C3, M	4053.....C	9120.....C
395011.....Q	5352.....Q1	RG 178 B/U.....A	Intercomp	4055.....C1	9160.....C
395012.....Q	5353.....Q1	RG 179 B/U.....S	1315.....I	4060.....B	9165.....C
395021.....D2	5355.....D3	RG 187 A/U.....S	4082.....E	4063.....E	9200.....C
395022.....E	5356.....Q4	RG 188 A/U.....B	4585A.....C	4064.....F	9300.....D
395023.....R1	5361.....Q	RG 196 A/U.....A	22132.....E	4064C.....F	
397001.....E	5363.....Q	RG 210/U.....D	22142.....F	4066.....F	JSC
397002.....C		RG 213/U.....E		4072.....C1	3010.....E
397106.....C	Huber+Suhner	RG 214/U.....F	International Electronic Wire & Cable Company	4080.....A	3011.....E
495003.....D3	EF 142.....C1	RG 214/U hiflex.....F	3916.....D3	4081.....S	3020.....E
495005.....D3	EF 316 D.....B1	RG 223/U.....C1	3921.....C3, M	4082.....S1	3022.....E
495006.....D1	EF 400.....C1	RG 225/U.....F	3922.....C3, M	4083.....S	3030.....E
495012.....Q1	ENVIROFLEX 142.....C1	RG 302/U.....D2	3923.....C3, M	4084.....B	3040.....E
495013.....Q1	EZ 47.....SR0	RG 303/U.....C3, M	3924.....E	4085.....S1	3060.....X
495017.....R3	EZ 86.....SR1	RG 316/U.....B	3925.....C3, M	4086.....A	3100.....C
495018.....D3	EZ 141.....SR2	RG 400/U.....C1	3926.....E1	4089.....B	3110.....C
495019.....Q1	EZ 250.....SR3	S 02223-02.....S	3927.....E1	6303.....R1	3112.....C
497002.....C3, M	G01122.....A	S 03232-1.....C2		7513.....R	3130.....C
497106.....C3, M	G01130 HT.....B1	S 04233.....D1		7514.....R2	3132.....C
499066.....D2	G01132-06.....A	S 04262 D.....X		7515.....R	3150.....C



CABLE GROUPS — Continued

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3151.....C	C1401083.....C1	M4211.....D	M64279.....G1	M17/173-00001.....B	CBL 1288-6.....K
3152.....C	C1401084.....B1	M4212.....D	M64211.....D	M17/174-00001.....I	CBL 1288-8.....K
3160.....C	C1401085.....C1	M4213.....C	RG-400.....C1	M17/174-00001**.....I	CBL 1288-9.....K
3162.....C	C1401087.....D	M4214.....B		M17/175-00001.....C1	CBL 2164-002.....K
3170.....C	C1401100.....C2	M4216.....D	Maxrad	M17/183-00001.....C	CBL 2726-1.....K
3200.....D	C1401102.....B1	M4217.....E	MRX-100.....X	M17/184-00001.....D	CBL 2726-12.....K
3201.....D	C1401195.....C	M4218.....C1	MRX-1000.....X	M17/185-00001.....D	CBL 2726-16.....K
3210.....D	C1401200.....C2	M4219.....C		M17/187-00001.....C3, M	CBL 2726-17.....K
3212.....D	C1401304.....A	M4221.....F	Military	M17/189-00001.....E	CBL 2726-24.....K
3240.....D	C1401312.....B	M4222.....D	M17/000011.....SR1	M17/190-00001.....F	CBL 2726-3.....K
3250.....D	C1401318.....J	M4223.....D	M17/28-RG58.....C	M17/191-00001**.....F	CBL 2726-6.....K
3251.....D	C1402200.....C2	M4237.....D	M17/29-RG59.....D	M17/195-00001.....D	CBL 2726-8.....K
3252.....D	C14010920802.....K	M4239.....D	M17/30-RG62.....D	M17/196-00001.....B	CBL 2726-9.....K
3280.....D	C14010920804.....K	M4240.....D	M17/54-RG122.....C3, M	M17/197-00001.....C	CBL 5743.....D2
3282.....D	C14030920802.....K	M4242.....A2	M17/60-RG142.....C1	M17/198-00001.....C3, M	CBL-2164-003.....K
3290.....D	C14030920804.....K	M4243.....S	M17/65-RG165.....I	M17/200-00001.....C1	DUAL 735A.....K
3300.....D	C14060920802.....K	M4244.....S1	M17/74-RG213.....E		RG 142.....C1
3320.....D	C14060920804.....K	M4251.....C1	M17/75-RG214.....F	Miscellaneous	RG 316.....B
3321.....D	C14080920802.....K	M4252.....A	M17/75-RG365.....F	Ethernet Plenum.....E	RG 400.....C1
3322.....D	C14080920804.....K	M4253.....S	M17/77-RG216**.....F	GX 07272.....E	RG213.....B
3350.....D	C14090920802.....K	M4254.....S1	M17/84-RG223.....C1	GX04273.....D	RG214.....F
3351.....D	C14090920804.....K	M4255.....S	M17/90-RG71.....D	KX3A.....B	RGX 142.....C1
3352.....D	C14120920802.....K	M4256.....B	M17/92-RG115.....F	KX4.....E	RGX 142 FB.....C1
3370.....D	C14120920804.....K	M4257.....S1	M17/97-RG210.....D	KX6A.....D	RGX 142 FT.....C1
3371.....D	C14150920802.....K	M4258.....A	M17/111-RG303.....C	KX15.....C	RGX 142 S.....C1
3372.....D	C14150920804.....K	M4259.....B	M17/113-RG316.....B	KX21A.....A	RGX 142 ST.....C1
3380.....D	QC1401003.....Q	M4262.....R	M17/119-RG174.....B	KX22A.....B	RGX 142 T.....C1
3381.....D	QC1401030.....C2	M4263.....R	M17/127-RG393.....I	KX23.....C1	RGX 316.....B
3382.....D	QC1401051.....A	M4265.....D	M17/127-RG393.....I	KX30.....D	RGX 316 S.....B
3390.....D	QC1401052.....A1	M4266.....G	M17/128-RG400.....C1	MICRO 8/U.....X	RGX 316 T.....B
3391.....D	QC1401056.....A	M4268.....D	M17/130-RG402.....SR2	P2L/7.....E	RGX 400.....C1
3392.....D	QC1401086.....B	M4272.....D	M17/133-00001.....SR1	S06132D.....E	RGX 400 FB.....C1
3500 M.....I	QC1601017.....D	M4274.....D1	M17/133-00002.....SR1	S07232.....I	RGX 400 FT.....C1
3700.....D	QC1601023.....R	M4275.....D1	M17/133-00003.....SR1	S12272.....L2	RGX 400 S.....C1
3710.....D		M4276.....D	M17/133-00004.....SR1	S12272-4.....L2	RGX 400 ST.....C1
3720.....D	Liberty	M4277.....D1	M17/133-00005.....SR1	SO3232-1.....C2	RGX 400 T.....C1
3750.....B	20-CMP-VID.....D3	M4278.....D1	M17/133-00006.....SR1	SX07272.....I	TELA 735-1.....K
3790.....F		M4279.....Q	M17/133-00007.....SR1	SX12272.....L2	TELA 735-12.....K
3800.....F	Lucent	M4280.....D	M17/133-00008.....SR1	T2L/7.....E	TELA 735-16.....K
3900.....G	WP93385.....C	M5540.....D1	M17/133-00009.....SR1	T-COM-400.....I	TELA 735-18.....K
JSC 3810.....I		M5541.....D1	M17/133-00010.....SR1	T-COM-500.....L1	TELA 735-2.....K
	Malco	M5542.....Q	M17/133-RG405.....SR1	T-COM-600.....L2	TELA 735-3.....K
JuddWire	250-4314.....E	M14210.....C	M17/136-00001.....B	Thinner IEEE 802.3.....C	TELA 735-6.....K
100 PLUS.....B		M44204F.....Q1	M17/138-00001.....B	Thinner Plenum.....C3, M	TELA 735-8.....K
C1401007.....D1	Manhattan	M44208F.....R2	M17/153-00001.....B	TM3304.....C1	TELA 735-9.....K
C1401008.....Q	M4152.....D	M44209.....C3	M17/155-00001.....C	TM3304.....D	WCX 100.....B
C1401051.....A	M4183.....C	M44212F.....D3	M17/157-00001.....C3, M		WCX 100 PE.....B
C1401052.....A1	M4201.....E	M44276.....D3	M17/158-00001.....C1	Montrose	WCX 100 PVC.....B
C1401055.....C	M4202.....R1	M44276F.....D3	M17/163-00001.....E	735A.....K	WCX 100 ZH.....B
C1401069.....C	M4204.....Q3	M44280.....D	M17/164-00001.....F	CBL 1288-1.....K	WCX 100F.....B
C1401070.....C	M4206.....I	M64182F.....Q1	M17/164-00002.....F	CBL 1288-12.....K	WCX 100F PVC.....B
C1401074.....B1	M4207.....R1	M64209.....C	M17/167-00001.....C1	CBL 1288-16.....K	WCX 100F ZH.....B
C1401077.....D1	M4208.....R	M64272F.....D2	M17/168-00001.....F	CBL 1288-17.....K	WCX 100PE.....B
C1401078.....D1	M4209.....C	M64274F.....D3	M17/170-00001.....C	CBL 1288-24.....K	WCX 100ZH.....B
C1401080.....C	M4210.....C	M64262F.....R2	M17/172-00001.....B	CBL 1288-3.....K	WCX 195.....C



CABLE GROUPS — Continued

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WCX 195 PVC	C	62A	D	Orebro/CDT	CX50047	SR0	2724	K	1524	D	
WCX 195PE	C	62C	D	RG 142	CI	DA25047	SR0	2735	K	1525	D
WCX 195ZH	C	87A	F	RG 178	A	DA50047	SR0			1526	D
WCX 200	C2	115A	F	RG 178 DS	A1	DA50050	SR0	Raydex/CDT		1527	D
WCX 200 PVC	C2	122	C3, M	RG 188	B	DA50140	SR2	735A	K	1531	Q
WCX 200 S	C2	140	D2	RG 196	A	DA70085	SR4	BT2002	D2	1535	D1
WCX 200PE	C2	141	C	RG 303	C3, M	DA75141	SR5	CT100	Q	1540	D
WCX 200ZH	C2	142	CI	RG 316	B	EA50085	SR1	CT100 DUAL	Q	1550	D
WCX 400	I	165	I	RG 316 DS	B1	EA50141	SR2	CT1320	K	1560	D
WCX 400 PVC	I	174	B	RG 400	CI	JA50085	SR1	CT63	D2	1561	Q
WCX 400 ZH	I	178B	A	RG 404	A	JA50141	SR2	CT63 DUAL	D2	1561/MES	Q
WCX 400PE	I	188	B	RGL 316	B	JN50085	SR1	CTF100	Q	1563	Q
WCX400P	I	196	A	RGL 2901	A	JN50141	SR2	CTF63	D2	1563W	Q
WCX600P	L2	210	D			JS50085	SR1	M106	D2	1567	Q
		213	E	Phalo	JS50141	SR2	M108	C3, M	1570	D	
Mohawk/CDT		223	CI	036-001-80145	E	JT50085	SR1	M109	B	1571	D1
M50442	D	225	F			JT50141	SR2	M110	A	1572	D1
M50463	D2	302	D2	Precision Tube	KA50047	SR0	M17/110-RG 302	D2	1574	Q	
M50503	D	303	C3, M	5450047	SR0	KA50085	SR1	M17/175-00001	CI	1578	E
M52210	G	304	L6	5450085	SR1	KA50141	SR2	RA519	I	1579	F
M54418	G	316	B	5450141	SR2	LA50141	SR2	RA522	I	1582	R
M54424	J			5450250	SR3	M17/129-00001	SR3	RA523	L6	1584	R
M54425	J	Olympic		AA50047	SR0	M17/129-RG401	SR3	RA524	L2	1586	R
M54426	J	5216	B	AA50085	SR1	M17/130-00001	SR2	RA838	G	1588	E
M54862	Q	5237	E	AA50141	SR2	M17/130-RG402	SR2	RA839	D	1589	E
M56134	D2	5240R	C	AA75085	SR4	M17/133-00001	SR1	RA845	Q	1590	D
M56259	D	5254	E	AA75141	SR5	M17/133-00002	SR1	RG213	E	1591	D
M56524	Q1	5259	C	AN50085	SR1	M17/133-00003	SR1	RG223	CI	1592	D
M56630	R	5262	C	AN50141	SR2	M17/133-RG405	SR1	RG58 C/U	C	1593	D
		5263	D	AP50085	SR1	M17/151-00001	SR0	RG59 B/U	D	1594	D
National		5264	F	AP50141	SR2	M17/151-00002	SR0	RG6	Q	1595	B
Communications		5267	E	AS50085	SR1	MA75085	SR4	RG8	I	1600	X
271040	D1	5268	F	AS50141	SR2	NA50325	SR3	URM70	D2	1660	C
271060	D	6174	G	AT50085	SR1	RA50047	SR0	URM76	C	1694	D
291060	D	6242	D1	AT50141	SR2	RA50085	SR1			8100	E
		6244R	D	AX50085	SR1	RA50141	SR2	Remee		725100	C3
National Wire		6244TF	D3	AX50141	SR2	RA50250	SR3	1300	E	F725100	C3
8	E	6246D	Q	BA50085	SR1	RX50047	SR0	1310	E	P725100	C3
8A	E	6246R	Q	BA50141	SR2	RX50085	SR1	1315	E	F725102	D3
9	F	6246T	Q1	BA50250	SR3	RX50141	SR2	1330	I	P725102	D2
9A	F	6265R	D	BA75141	SR5	RX50250	SR3	1350	E	F725104	D1
9B	F	6269R	D	BP50250	SR2			1360	I	725105/60	Q1
29	C	6269TF	D	BS50250	SR2	Pro-flex		1400	C	725105/95BC	Q1
54	P	6273	CI	BT50085	SR1	Pro-flex 800	P	1420	C	F725106	D2
54A	P	6291R	D, D1	BT50141	SR2	Pro-Flex Plus	C	1450	C	P725106	D2
55	CI	6293	D1	BX50250	SR3			1460	C	725107	R2
55A	CI	6555T	D	CA25047	SR0	Quabbin		1470	C	F725110	D1
58	C	6880	E	CA50047	SR0	2700	K	1480	C	725110	D1
58A	C	6907	C	CA50050	SR0	2702	K	1490	C	725526	D3
58B	C	53242	CI	CA70085	SR4	2703	K	1500	D	P725111	C3, M
58C	C	53265	A	CA75047	SR6	2706	K	1510	D1	725113	Q1
59	D	53268	B	CA75085	SR4	2708	K	1510/95	D1		
59A	D	53269	J	CA75141	SR5	2709	K	1520	D		
59B	D	53270	A	CA93085	SR4	2712	K	1521	D		
62	D	53284	B	CA95141	SR5	2716	K	1522	D		

CABLE GROUPS — Continued

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RG Style

RG-6/U	Q
RG-6/U Type (Plenum)	Q1
RG-8/U	E
RG-8/U Type	I
RG-8A/U	E
RG-8/X	X
RG-9/U	F
RG-9A/U	F
RG-9B/U	F
RG-11/U Type	R
RG-55/U	C1
RG-55A/U	C1
RG-55B/U	C1
RG-58/U	C
RG-58/U (Plenum)	C3, M
RG-58A/U	C
RG-58B/U	C
RG-58C/U	C
RG-59/U	D
RG-59A/U	D
RG-59B/U	D
RG-59/U (Plenum)	D3
RG-62/U	D
RG-62A/U	D
RG-62B/U	D
RG-62C/U	D
RG-71/U	D4
RG-122/U	C3, M
RG-140/U	D
RG-141/U	C
RG-141A/U	C
RG-142/U	C1
RG-142A/U	C1
RG-142B	C1
RG-161/U	S
RG-165/U	I
RG-174/U	B
RG-178/U	A
RG-178A/U	A
RG-178B/U	A
RG-179/U	S
RG-179A/U	S
RG-179B/U	S
RG-179/U (Dbl Shield)	S1
RG-187/U	S
RG-187A/U	S
RG-188/U	B
RG-188A/U	B
RG-196/U	A
RG-210/U	D
RG-213/U	E
RG-214/U	F
RG-223/U	C1
RG-303/U	C3, M
RG-316/U	B

RG-316/U (Dbl Shield)	B1
RG-400/U	C1
RG-401/U	SR3
RG-402/U	SR2
RG-405/U	SR1

Saxon

1583	E
1584	E
1586	R1
1588	C
1589	C
1590	C
1591	C
1591F	C
1592	D
1594	D
1596	B
1596F	B
1599	D2
1600	C
1601	Q1
1607	D
7290	C
7592	D
7594	D
8266	D
8267	D1
8280	S1
8281	I
8282	E
8283	E
8284	I
8285	I
8286	I
8289	C
8290	C
8291	C
8292	D
8294	D
8299	D
8305	D
8315	X
8316	X
8317	X
8321	F
8322	C1
8330	E
8332	D
8333	B
8335	C
8336	R1
8404	D
8405	D
8409	E
8415	D

8419	Q
8420	D4
8421	F
8422	C1
8426	D
8432	D1
8435	D
8436	D
8440	D
8441	D
8444	D
8456	G
8457	G
8268	D
8474	D
8476	D1
8477	D1
8480	D
68266	D2
68292	D2
68294	D7
68335	C
68404	D2

Standard Wire

507-58	C
507-58A	C
507-58B	C
507-58C	C
507-174	B
507-174A	B
507-188	B
507-188A	B
507-316	B
507-141	C
507-141A	C

Tappan

2593A	D
5623A	D

TerraWave

TWS-100	B
TWS-195	C
TWS-400	I
TWS-600	L2

Thermax

50-738CSPA	A
670-047	SR0
670-047XE	SR0
670-047XV	SR0
670-086/50	SR1
670-086/50XE	SR1
670-086/50XV	SR1
670-086/75	SR4

670-086/75XE	SR4
670-086/75XV	SR4
670-141	SR2
670-141XE	SR2
670-141XV	SR2
670-250	SR3
670-250XE	SR3
670-250XV	SR3
LTE RG-142 Type	C1
M17-028-RG58	C
M17-029-RG59	D
M17-060-RG142	C1
M17-075-RG214	F
M17-084-RG223	C1
M17-093-00001	A
M17-093-RG178	A
M17-110-RG302	D2
M17-111-RG303	C3, M
M17-113-RG316	B
M17-119-RG174	B
M17-128-RG400	C1
M17-132-RG404	A
M17-138-00001	B
M17-152-00001	B1
M17-158-00001	C1
M17-163-00001	E
M17-164-00001	F
M17-169-00001	A
M17-170-00001	C3, M
M17-172-00001	B
M17-174-00001	I
M17-175-00001	C1
MaxFlex .086/50	SR1
MaxFlex .086/75	SR4
MaxFlex .141	SR2
MS-100	B
MS-195	C
MS-200	C2
MS-240	X
MS-400	I
MS2-110	B1
MS2-140	C3, M
MS2-190	C2
MS2-250	X
MS2-480	L1
RG-58 C/U	C
RG-59 B/U	D
RG-62 A/U	D
RG-142	C1
RG-174 A/U	B
RG-178 B/U	A
RG-188 A/U	B
RG-196 A/U	A
RG-214 /U	F
RG-302	D2
RG-316 /U	B
RG-58 C/U	C
RG-59 B/U	D
RG-62 A/U	D
RG-142	C1
RG-174 A/U	B
RG-178 B/U	A
RG-188 A/U	B
RG-196 A/U	A
RG-214 /U	F
RG-302	D2
RG-316 /U	B

RGS-142	C1
RGS-178	A
RGS-303	C3, M
RGS-316	B
RGS-400	C1
RGU-142	C1
RGU-178	A
RGU-302	D2
RGU-303	C3, M
RGU-316	B
RGU-400	C1
RGU-404	A
S50-7-0067CSPA	B
S50-7-0067CSSXE	B1

Thermax/Sonic

M17-028-RG58	D
M17-029-RG59	D
M17-075-RG214	F
M17-084-RG223	C1
M17-119-RG174	B
M17-163-00001	E
M17-164-00001	F
M17-113-RG316	B
RG17-152-0000-1	B1
RG-58 C/U	C
RG-59 B/U	D2
RG-62 A/U	D2
RG-174 A/U	B
RG-178 B/U	A
RG-179 A/U	S
RG-180 B/U	S1
RG-187A/U	S
RG-188 A/U	B
RG-196 A/U	A
RG-214 /U	F
RG-302	D2
RG-316 /U	B
RGS-142	C1
RGS-178	A
RGS-316	B
RGS-400	C1
RGU-142	C1
RGU-178	A
RGU-179	S
RGU-180	S1
RGU-316	B
RGU-400	C1
RGU-404	A
S50-7-0067CSPA	B
S50-7-0067CSSXE	B1
U75-738CSPA	S
U95-738BCCSPA	S1
U95-738CSPA	S1



CABLE GROUPS — Continued

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Times Microwave

17-102-79.....D	AA-8471.....I	M17/133-00004.....SR1	M17/93-00001.....A	RG-124/U.....D
17-245-90.....A	AA-8473.....L2	M17/133-00005.....SR1	M17/93-RG178.....A	RG-140/U.....D
17-280-83.....D	FM-62.....D	M17/133-00006.....SR1	M17/97-RG210.....D	RG-141/U.....C
17-303-83.....C1	HS-178B.....A	M17/133-00007.....SR1	M18/2-RG6.....Q3	RG-141A/U.....C
17-304-83 QPL.....C	IP-59.....D	M17/133-00008.....SR1	MR-600.....L2	RG-142/U.....C1
17-305-83.....C3, M	IP-62.....D	M17/133-00009.....SR1	MSI-1.....C1	RG-142A/U.....C1
17-355-88.....L1	K-Flex405.....SR1	M17/133-00010.....SR1	MSI-2.....A	RG-142B/U.....C1
17-425-84 QPL.....D2	LLSB-600.....L2	M17/133-RG405.....SR1	MSI-5.....C	RG-159/U.....C
17-663-83.....Q3	LMR-100A.....B	M17/136-00001.....B	MSI-6.....B	RG-174/U.....B
17-664-83.....C1	LMR-100A-PVC.....B	M17/138-00001.....B	MSI-12.....C	RG-174A/U.....B
17-666-83 QPL.....A	LMR-1200.....L4	M17/152-00001.....B1	MSI-13.....D	RG-178/U.....A
17-668-83 QPL.....D	LMR-1700.....L5	M17/153-00001.....B	MSI-14.....D	RG-178A/U.....A
17-671-83.....C1	LMR-195.....C	M17/157-00001.....C3, M	MSI-15.....C3, M	RG-178B/U.....A
17-795-77.....D	LMR-195-DB.....C	M17/158-00001.....C1	MSI-16.....C1	RG-179/U**.....S
17-811-77.....C3, M	LMR-195-PVC.....C	M17/163-00001.....E	MSI-17.....B	RG-179A/U**.....S
17-812-77 QPL.....B	LMR-200.....C2	M17/164-00001.....F	MSI-19.....A	RG-179B/U**.....S
17-813-77 QPL.....B	LMR-200 UltraFlex.....C2	M17/164-00002.....F	MSI-22.....C2	RG-188/U.....B
17-867-84 QPL.....A	LMR-200-DB.....C2	M17/167-00001.....C1	MSI-24.....B	RG-188A/U.....B
AA-3096.....P	LMR-200-FR.....C2	M17/168-00001.....F	MSI-25.....C1	RG-196/U.....A
AA-3397.....C	LMR-200-MA.....C2	M17/169-00001.....A	MSI-26.....B	RG-196A/U.....A
AA-3398.....D	LMR-240.....X	M17/170-00001.....C	MSI-27.....C2	RG-210/U.....D
AA-3400.....C3, M	LMR-240 UltraFlex.....X	M17/172-00001.....B	MSI-29.....C3, M	RG-213/U.....E
AA-3401.....C1	LMR-300.....L6	M17/173-00001.....B	MSI-30.....C3, M	RG-214/U.....F
AA-3402.....I	LMR-300-DB.....L6	M17/174-00001**.....I	MSI-31.....B	RG-223/U.....C1
AA-3413.....C1	LMR-300-FR.....L6	M17/175-00001.....C1	MSI-32.....B	RG-302/U.....D2
AA-3414.....A	LMR-300-PVC.....L6	M17/180-00001.....Q3	RD-316.....B1	RG-303/U.....C3
AA-3417.....C3, M	LMR-400.....I	M17/183-00001.....C	RG-6/U.....Q	RG-316/U.....B
AA-3418.....B	LMR-400 UltraFlex.....I	M17/184-00001.....D	RG-8/U.....E	RG-400/U.....C1
AA-3419.....B	LMR-400DB.....I	M17/185-00001.....D	RG-8/U Type.....I	RG-401/U.....SR3
AA-3797.....D	LMR-400-FR.....I	M17/187-00001.....C3, M	RG-8A/U.....E	RG-402/U.....SR2
AA-3810.....Q3	LMR-400-PVC.....I	M17/189-00001.....E	RG-9/U.....F	RG-404/U.....A
AA-3826.....D2	LMR-500.....L1	M17/190-00001.....F	RG-90/U**.....F	RG-405/U.....SR1
AA-3827.....C1	LMR-500 UltraFlex.....L1	M17/191-00001**.....F	RG-9A/U.....F	SF-142.....C1
AA-3830.....B	LMR-500-DB.....L1	M17/194-00001.....C1	RG-9B/U.....F	SF-142B.....C1
AA-4444.....D	LMR-500-FR.....L1	M17/195-00001.....D	RG-29/U.....C	SF-214.....F
AA-4478.....E	LMR-600.....L2	M17/196-00001.....B	RG-31/U.....E	SF-316.....B
AA-4763.....D	LMR-600 UltraFlex.....L2	M17/197-00001.....C	RG-54A/U.....P	SFT-142.....C2
AA-4782.....A	LMR-600-DB.....L2	M17/198-00001.....C3, M	RG-55/U.....C1	SFT-142B.....C2
AA-5168.....L1	LMR-600-FR.....L2	M17/200-00001.....C1	RG-55A/U.....C1	SFT-316.....B
AA-5886.....I	LMR-600-LLPL.....L2	M17/220-00001.....C2	RG-55B/U.....C1	T-COM-200.....C1
AA-5886-1.....I	LMR-900.....L3	M17/223-00001.....I	RG-58/U.....C	T-COM-400.....I
AA-5886-2.....I	LMR-900DB.....L3	M17/225-00001.....L2	RG-58A/U.....C	T-COM-400/F.....I
AA-5886-3.....I	LSSB-RG223.....C1	M17/28-RG58.....C	RG-58B/U.....C	T-COM-500.....L1
AA-5886-4.....I	LSSB-RG58.....C	M17/29-RG59.....D	RG-58C/U.....C	T-COM-600.....L2
AA-6074.....D2	LSSB-RG6.....Q3	M17/30-RG62.....D	RG-59/U.....D	T-Flex 402.....SR2, M
AA-6146.....I	M17/000011.....SR1	M17/54-RG122.....C3, M	RG-59A/U.....D	T-Flex 405.....SR1
AA-6512.....A	M17/110-RG302.....D2	M17/60-RG142.....C1	RG-59B/U.....D	T-Flex405.....SR1
AA-7276.....Q3	M17/111-RG303.....C3, M	M17/65-RG165.....I	RG-62/U.....D	
AA-7281.....C	M17/113-RG316.....B	M17/74-RG213.....E	RG-62A/U.....D	
AA-7282.....D	M17/119-RG174.....B	M17/75-RG214.....F	RG-62B/U.....D	
AA-7283.....D	M17/128-RG400.....C1	M17/75-RG365.....F	RG-71/U.....D	
AA-7285.....C3, M	M17/132-00001.....A	M17/84-RG223.....C1	RG-71A/U.....D	
AA-7294.....C1	M17/133-00001.....SR1	M17/87-00001.....L1	RG-71B/U.....D	
AA-8469.....C2	M17/133-00002.....SR1	M17/90-RG71.....D	RG-115/U.....E	
	M17/133-00003.....SR1	M17/92-RG115.....F	RG-115A/U.....F	

CABLE GROUPS — Continued

Please note that cable specifications may be changed by manufacturers. Contact us for a more complete list of manufacturers and cable types.

** These cables have smaller center conductors than others in this group. The contacts will not work well with a crimp, and therefore must be soldered during installation

Weico Wire

8918	C
8929	E
M17/60RG142	C1
M17/93RG178	A
M17/110RG302	D2
M17/113RG316	B
M17/128RG400	C1
W006A	Q3
W008	E
W008A	E
W055B	C1
W058	C
W058A	C
W058C	C
W058Q	C
W059	D
W059B	D
W059BD	D
W059F	D
W062	D
W062A	D
W062B	D
W108A	D1
W142B	C1
W174	B
W174A	B
W178B	A
W188A	B
W196A	A
W213	E
W214	F
W223	C1
W225	F
W302	D2
W316	B
W400	C1
W703	G
WL68	J
WP06	Q1
WP59	D3
WP59D	D3
WP60D	D2

Western Electric

WE724	G
WE728	G
WE728B	G
WE729	G

West Penn

734	W
801	R1
804	D
806	Q
810	E
811	R
812	C
813	C
814	D
815	D1
816	D
818	D
819	D1
820	D
821	R2
825	J
825	J
840	D2
841	Q1
842	Q4
843	D1
845	D1
860	E2
862	C
934	D
1100	R
1110	R
1115	R
1125	R
1130	R
2814	D
2815	D1
2816	D
2825	J
4806	Q
4811	R
4815	D1
5900	D1
5905	D1
5915	D1
5920	D1
5930	D1
5940	D1
5945	D1
5950	D1
5960	D1
5965	D1
5970	D1
5975	D5

5985	D5
5990	D1
6100	Q1
6110	Q
6140	Q
6150	Q
6170	Q
6190	Q
6200	Q
6210	Q
6240	Q
6260	Q
6280	Q
6285	Q
6300	Q4
6320	Q4
6325	Q
6350	Q
6373	Q
7210**	R2
7346	W
25734	D3
25806	Q1
25810	E1
25811	R2
25812	C3, M
25814	D7
25815	D3
25819	D3
25820	D7
25821	R2
25825	J
25841	Q1
25843	D3
25860	E1
25862	C3, M
45825	J
73412	W
252815	D3
252825	J
253815	D1
256350	Q1
257346	D3
25Q821	R3
25Q841	Q4
25Q841S	Q4
25Q843	D6
25T841	Q6
25T843	D3
841S	Q

AQC819	D1
AQC841	Q
1ED25825	J
1ED825	J
1EQ841	Q4
P804	D2
P806	G
P806F	G2
Q841	Q4
Q843	D5
WP258194	D3
WP258195	D3
WP258254	J
WP258255	J
WP6354	Q
WP6355	Q
WP8254	J
WP8255	J
WP82561	J

MOUNTING CONFIGURATIONS

Use this as a quick reference. Design changes may slightly alter stripping instructions. Contact us for drawings and complete assembly instructions.

Look up your connector part number in our Assembly and Mounting Guide and find your assembly diagram here.

FIG. 1

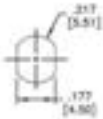


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

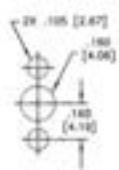


FIG. 7

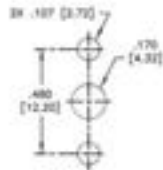


FIG. 8

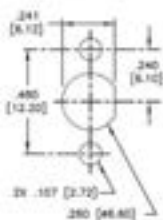


FIG. 9

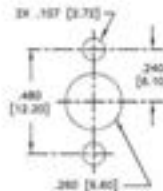


FIG. 10



FIG. 11

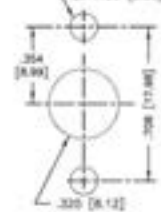


FIG. 12

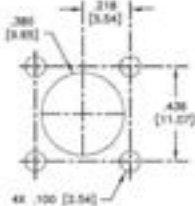


FIG. 13

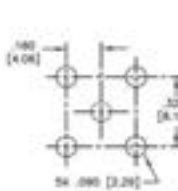


FIG. 14

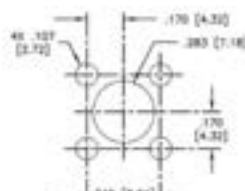


FIG. 15

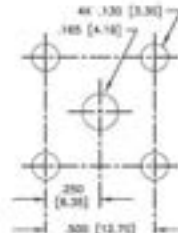


FIG. 16

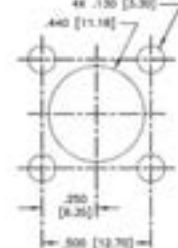


FIG. 17



FIG. 18

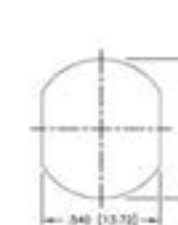


FIG. 19

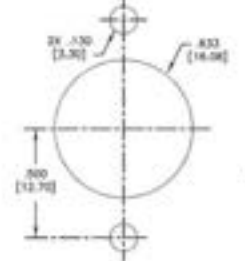


FIG. 20

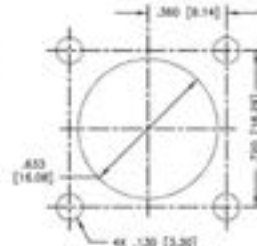
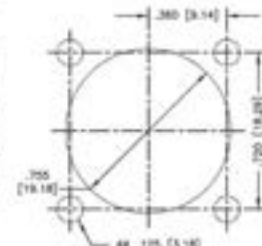


FIG. 21



MOUNTING CONFIGURATIONS — Continued

Use this as a quick reference. Design changes may slightly alter stripping instructions. Contact us for drawings and complete assembly instructions.

FIG. 22

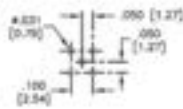


FIG. 23

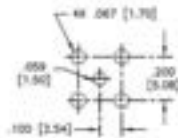


FIG. 24

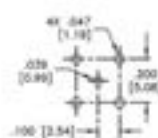


FIG. 25

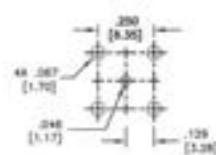


FIG. 26

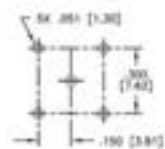


FIG. 27

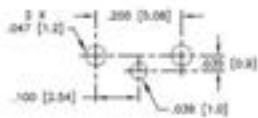


FIG. 28

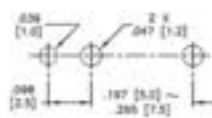


FIG. 29

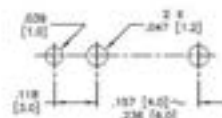


FIG. 30

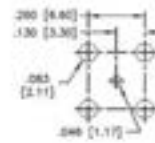


FIG. 31

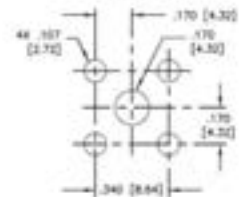


FIG. 32

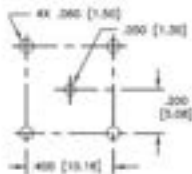


FIG. 33

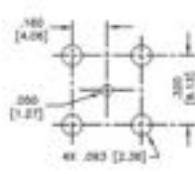


FIG. 34

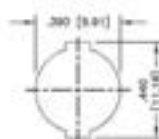


FIG. 35



FIG. 36



FIG. 37



FIG. 38

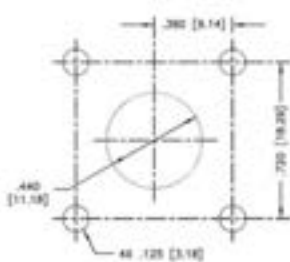


FIG. 39

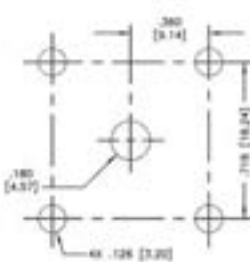


FIG. 40

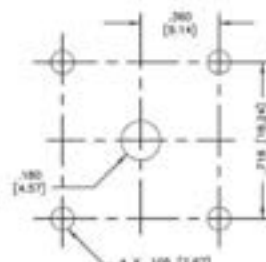
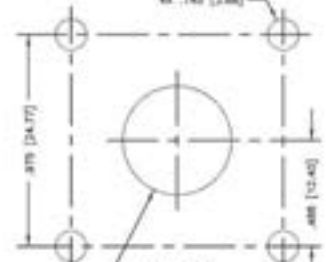


FIG. 41



MOUNTING CONFIGURATIONS — Continued

Use this as a quick reference. Design changes may slightly alter stripping instructions. Contact us for drawings and complete assembly instructions.

FIG. 42

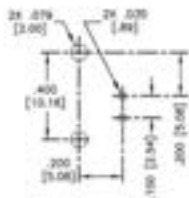


FIG. 43

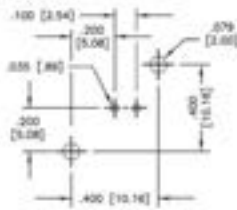


FIG. 44

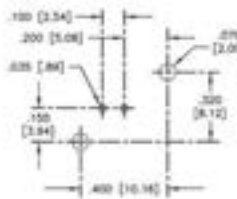


FIG. 45

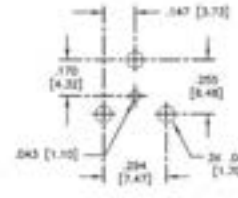


FIG. 46

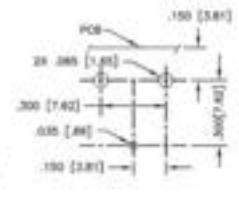


FIG. 47

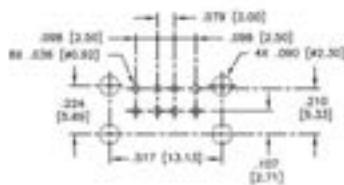


FIG. 48

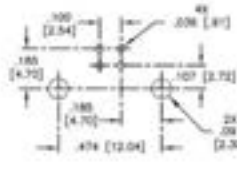


FIG. 49

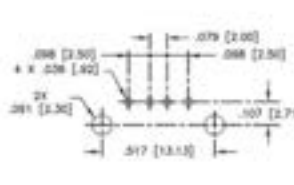


FIG. 50

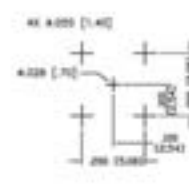


FIG. 51

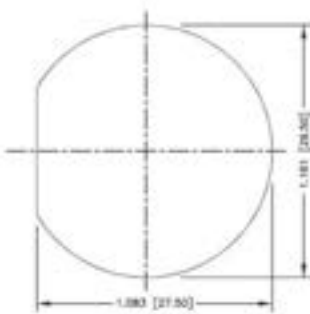


FIG. 52



FIG. 53



FIG. 54

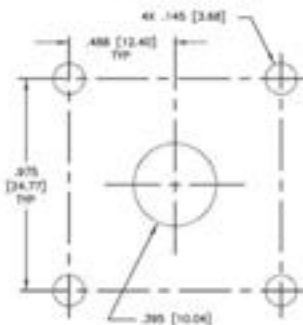


FIG. 55

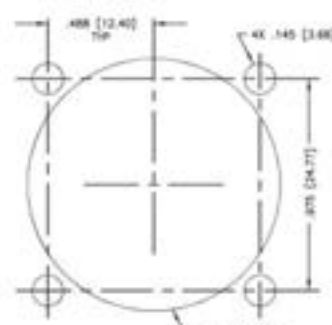
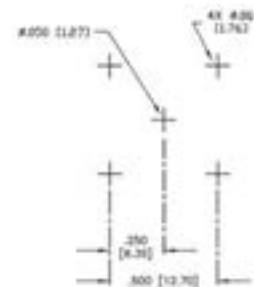


FIG. 56



8455A.DWG

ASSEMBLY & MOUNTING GUIDE

See mounting diagrams in Mounting Configuration section

Dies for Professional Grade Crimper (RFA-4009-20)



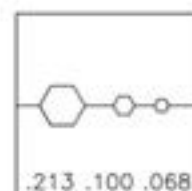
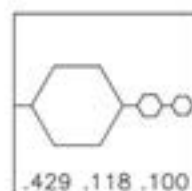
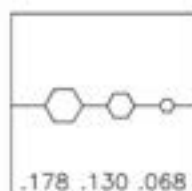
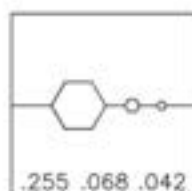
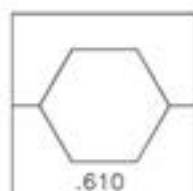
RFA-4009-01

RFA-4009-03

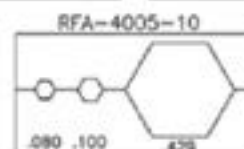
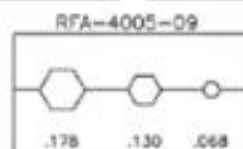
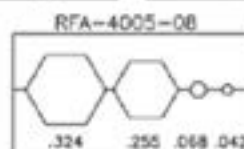
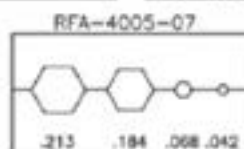
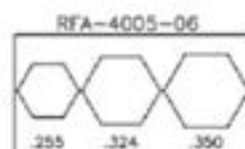
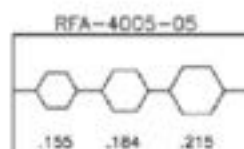
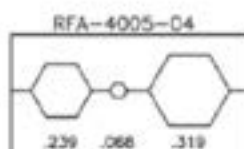
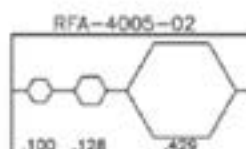
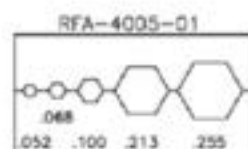
RFA-4009-04

RFA-4009-05

RFA-4009-06



Dies for Commercial Grade Crimper (RFA-4005-20)



part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
PT-4010-030	.16 [4.06]	.07 [1.78]	.325 [8.26]	0.068	0.213		RFA-4009-206		
PT-4010-062									5
RCA-1902	.79 [20.07]	.110 [2.79]	.30 [5.0] Parallel Str	Solder	0.255		RFA-4009-203		
RCA-1903	.100 [2.54]	.200 [5.08]	.400 [10.14]	Solder	PLI-ERS				
RDM-6310-B	.050 [1.27]	.07 [1.79]	.225 [5.70]	Solder	0.13		RFA-4009-204		
RF123-7000-B	.079 [2.00]	.079 [2.00]	.205 [5.2]	Solder	0.13		RFA-4009-204		
RF123-7000-B1	.079 [2.00]	.079 [2.00]	.205 [5.2]	Solder	0.13		RFA-4009-204		
RF123-7000-B-03	.079 [2.00]	.079 [2.00]	.205 [5.2]	Solder	0.13		RFA-4009-204		
RF123-7001-B	.098 [2.50]	.063 [1.60]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RF123-7000-B	.098 [2.50]	.067 [1.70]	.205 [5.20]	Solder	0.13		RFA-4005-209		
RF123-7060-18	.079 [2.00]	.075 [1.91]	.204 [5.19]	Solder	0.13		RFA-4009-204		
RF123-7060-181	.079 [2.00]	.075 [1.91]	.204 [5.19]	Solder	0.13		RFA-4009-204		
RF123-7062-18	.079 [2.00]	.075 [1.91]	.205 [5.20]	Solder	0.13		RFA-4009-204		1
RF123-7300-1									24
RF123-7350-1									24
RF29M-581	.085 [2.14]								
RF8-1100-2	.118 [3.00]	.039 [1.00]	.157 [4.00]	0.068			RFA-4009-204		
RF8-1100-25T	.118 [3.00]	.039 [1.00]	.157 [4.00]	0.068			RFA-4009-204		
RF8-1100-B	.157 [4.00]	.236 [6.00]	.236 [6.00]	0.068			RFA-4009-204	2-Step Strip, Dielectric & Braid Some Cut	



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Revised 7-07-2013

ASSEMBLY & MOUNTING GUIDE — continued

See mounting diagrams in [Mounting Configuration section](#)

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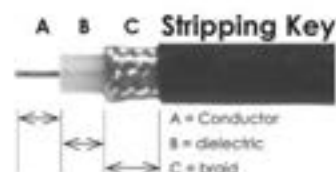
part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
RFB-1100-C2ST	.118 [3.00]	.04 [1.00]	.157 [4.00]	0.068			RFA-4009-204		
RFB-1101-1EN	.150 [3.81]	.090 [2.29]	.240 [6.10]	0.1			RFA-4009-204	Peel back Braid to cut Dielectric	
RFB-1101-1P	.135 [3.43]	.180 [4.50]	.180 [4.50]	Solder				2-Step Strip, Dielectric & Braid Some Cut	
RFB-1101-1SI	.157 [4.00]	.094 [2.40]	.252 [6.40]	0.128			RFA-4005-200	Peel back Braid to cut Dielectric	
RFB-1101-1X	.135 [3.43]	.180 [4.50]	.180 [4.50]	Solder				2-Step Strip, Dielectric & Braid Some Cut	
RFB-1101-PL	.150 [3.81]	.140 [3.56]	.290 [7.37]	0.128			RFA-4005-200	Peel back Braid to cut Dielectric	
RFB-1102-1	.277 [7.04]	.063 [1.60]	.215 [5.46]	Solder				Jacket sliced two places rather than stripped.	
RFB-1104	.563 [14.30]	.252 [6.40]	.252 [6.40]						
RFB-1106-2	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-2ST	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-2T	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-2TC1	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-5	.118 [3.00]	.205 [5.20]	.331 [8.40]	0.13	0.178		RFA-4009-204		
RFB-1106-5B1	.118 [3.00]	.205 [5.20]	.331 [8.40]	0.13	0.178		RFA-4009-204		
RFB-1106-6	.100 [2.54]	.120 [3.05]	.205 [5.20]	0.13	0.178		RFA-4009-204		
RFB-1106-9	.125 [3.18]	.090 [2.29]	.310 [7.87]	0.068	0.213		RFA-4009-204		
RFB-1106-8ST	.118 [3.00]	.205 [5.20]	.331 [8.40]	0.13	0.178		RFA-4009-204		
RFB-1106-8T	.100 [2.54]	.120 [3.05]	.205 [5.20]	0.13	0.178		RFA-4009-204		
RFB-1106-C-03	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-C1	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-C1ST	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-C2	.160 [4.04]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-204		
RFB-1106-C2ST	.157 [4.00]	.150 [3.81]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-C2T	.157 [4.00]	.150 [3.81]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1106-4	.150 [3.81]	.343 [8.70]	.343 [8.70]	0.128	0.429		RFA-4005-300	2-Step Strip, Dielectric & Braid Some Cut	
RFB-1107-1P	.160 [4.04]	.150 [3.81]	.310 [7.87]	0.068	0.255		RFA-4009-203		
RFB-1107-1X	.160 [4.04]	.145 [3.68]	.325 [8.25]	0.068	0.255		RFA-4009-203		
RFB-1107-7	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1110-1	.157 [4.00]	.193 [4.90]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1110-8	.161 [4.10]	.220 [5.60]	.268 [6.80]	Solder	0.178		RFA-4009-204		
RFB-1110-C-04	.256 [6.50]	.197 [5.00]	.089 [1.50]	Solder				Jacket sliced two places after being stripped.	
RFB-1110-C1	.155 [3.94]	.195 [4.95]	.325 [8.25]	0.068	0.213		RFA-4009-204		
RFB-1110-C1ST	.157 [4.00]	.155 [3.94]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1110-C2	.157 [4.00]	.193 [4.90]	.327 [8.30]	0.068	0.213		RFA-4009-204		
RFB-1111								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1112-1B								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 44
RFB-1112-1B-03								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 44
RFB-1112-1W								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 43
RFB-1112-8								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1112-8-03								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1112-W								.510" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1112-W-03								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1113-1B								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 43
RFB-1113-1B-03								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 43
RFB-1113-1W								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 43
RFB-1113-1W-03								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 43
RFB-1113-8								.505" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42
RFB-1113-8-04								.510" Dia. Mtg. Hole w/ D-Flat; 2 Holes A O/C	35, 42



ASSEMBLY & MOUNTING GUIDE — continued

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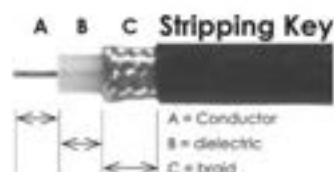
part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RFB-1113-W								.510" Dia. Mtg. Hole w/ D-Flat: 2 Holes .4 O/C	35, 42
RFB-1113-W-03								.505" Dia. Mtg. Hole w/ D-Flat: 2 Holes .4 O/C	35, 42
RFB-1115								4 Holes, .500" O/C	16
RFB-1115-14								4 Holes, .720" O/C	38
RFB-1115-21								4 Holes, .500" O/C	56
RFB-1115-3									45
RFB-1115-4								4 Holes, .250" O/C	25
RFB-1115-6								4 Holes, .260" O/C	30
RFB-1115-5								4 Holes, .500" O/C	16
RFB-1116								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-11								.382" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-3								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-B-03	.110 [2.79]	.130 [3.30]	.275 [6.99]	0.068	0.184		RFA-4005-100 & RFA-4005-05	.382" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-I								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-I-03								.380" Dia. Mtg. Hole w/ D-Flat	35
RFB-1116-NG								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-NG-03								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1116-SQ								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1117	.140 [3.54]	.195 [4.95]	.325 [8.26]	0.068	0.213		RFA-4009-206	.510" Dia. Mtg. Hole w/ D-Flat	35
RFB-1117-B1-T	.150 [3.81]	.195 [4.95]	.315 [8.00]	0.068	0.178		RFA-4009-204	Jacket sliced .08" two places after being stripped.	35
RFB-1117-BT	.150 [3.81]	.195 [4.95]	.315 [8.00]	0.068	0.178		RFA-4009-204	Jacket sliced .08" two places after being stripped.	35
RFB-1117-BT-03	.157 [4.00]	.323 [8.20]	.268 [6.81]	0.068	0.178		RFA-4009-204	.512" Dia. Mtg. Hole w/ D-Flat	35
RFB-1117-BT-04									35
RFB-1117-C1	.140 [3.54]	.195 [4.95]	.325 [8.26]	0.068	0.213		RFA-4009-206	.510" Dia. Mtg. Hole w/ D-Flat	35
RFB-1117-C1T	.140 [3.54]	.195 [4.95]	.325 [8.26]	0.068	0.213		RFA-4009-206	.510" Dia. Mtg. Hole w/ D-Flat	35
RFB-1117-C2	.140 [3.54]	.195 [4.95]	.325 [8.26]	0.068	0.213		RFA-4009-206	.510" Dia. Mtg. Hole w/ D-Flat	35
RFB-1121	.563 [14.30]	.252 [6.40]	.252 [6.40]					2-Step Strip, Dielectric & Braid Some Cut	
RFB-1123-1	.140 [3.54]	.063 [1.6]	.331 [8.40]	0.068	0.213		RFA-4009-206		
RFB-1123-1-S5	.140 [3.54]	.063 [1.6]	.331 [8.40]	0.068	0.213		RFA-4009-206		
RFB-1123-C1	.140 [3.54]	.063 [1.6]	.331 [8.40]	0.068	0.213		RFA-4009-206		
RFB-1123-C2	.140 [3.54]	.070 [1.78]	.325 [8.26]	0.068	0.213		RFA-4009-206		
RFB-1124-1P	.150 [3.81]	.166 [4.22]	.329 [8.35]	0.068	0.255		RFA-4009-203		
RFB-1124-1X	.160 [4.06]	.145 [3.68]	.325 [8.26]	0.068	0.255		RFA-4009-203		
RFB-1154								.382" Dia. Mtg. Hole w/ D-Flat	4
RFB-1160	.173 [4.40]	.173 [4.39]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RFB-1701-O	.138 [3.50]	.177 [4.50]	.177 [4.50]	Solder				2-Step Strip, Dielectric & Braid Some Cut	
RFB-1705	.563 [14.30]	.252 [6.40]	.252 [6.40]					2-Step Strip, Dielectric & Braid Some Cut	
RFB-1706-P	.150 [3.81]	.125 [3.18]	.325 [8.26]	0.068	0.255		RFA-4009-203		
RFB-1707-2	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1707-D	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1707-D2	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1707-D3	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1707-G	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.324		RFA-4005-308		
RFB-1707-J	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.042	0.184		RFA-4005-307		
RFB-1707-K	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.042	0.184		RFA-4005-307		
RFB-1707-Q	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.324		RFA-4005-308		
RFB-1707-Q1	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.324		RFA-4005-308		
RFB-1707-R	.157 [4.00]	.146 [3.70]	.327 [8.30]	Solder	0.429		RFA-4009-205		



ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RFB-1707-E1	.157 [4.00]	.146 [3.70]	.327 [8.30]	Solder	0.429		RFA-4009-205		
RFB-1707-S	.157 [4.00]	.150 [3.81]	.256 [6.49]	0.042	0.178		RFA-4005-307		
RFB-1708	.157 [4.00]	.136 [3.45]	.331 [8.4]	0.068	0.324		RFA-4005-308		
RFB-1708-IT	.138 [3.50]	.197 [5.00]	.295 [7.49]	Solder	0.315		RFA-4005-308		
RFB-1709-D	.256 [6.50]	.197 [5.00]	.059 [1.50]	Solder				SR jacket .137" two places after stripping.	
RFB-1710-D	.157 [4.00]	.193 [4.90]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1710-K	.142 [3.60]	.315 [8.00]	.327 [8.30]	Solder	0.184		RFA-4005-305		
RFB-1710-Q	.161 [4.10]	.220 [5.60]	.327 [8.30]	Solder	0.324		RFA-4005-308		
RFB-1710-S	.161 [4.10]	.220 [5.60]	.268 [6.80]	Solder	0.178		RFA-4005-307		
RFB-1710-S1	.161 [4.10]	.220 [5.60]	.268 [6.80]	Solder	0.178		RFA-4005-307		
RFB-1712-W								.500" Dia. Mtg. Hole w/ D-Flat	35, 42
RFB-1715-6								4 Mtg. Holes .260" O/C	30
RFB-1715-11								4 Mtg. Holes .400" O/C	32
RFB-1716								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1716-I								.380" Dia. Mtg. Hole w/ D-Flat	4
RFB-1717	.197 [5.00]	.165 [4.20]	.327 [8.30]	0.068	0.255		RFA-4009-203	.512" Dia. Mtg. Hole w/ D-Flat	35
RFB-1717-Q	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.255		RFA-4009-203		35
RFB-1717-S	.157 [4.00]	.205 [5.20]	.331 [8.40]	0.068	0.178		RFA-4009-204	.512" Dia. Mtg. Hole w/ D-Flat	35
RFB-1720	.138 [3.50]	.157 [4.00]	.157 [4.00]	Solder				2-Step Strip, Dielectric & Braid Same Cut	
RFB-1722	.563 [14.30]	.252 [6.40]	.252 [6.40]					2-Step Strip, Dielectric & Braid Same Cut	
RFB-1724	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFB-1724-E	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.042	0.178		RFA-4005-307		
RFB-1724-Q	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.324		RFA-4005-308		
RFB-1724-S	.157 [4.00]	.146 [3.70]	.331 [8.40]	0.068	0.178		RFA-4009-204		
RFB-1724-S1	.157 [4.00]	.146 [3.70]	.331 [8.40]	0.068	0.178		RFA-4009-204		
RFB-1760	.150 [3.81]	.015 [3.81]	.325 [8.25]	0.068	0.255		RFA-4009-203		
RFD-1604-2I	.197 [5.00]	.197 [5.00]	.327 [8.30]		0.429		RFA-4009-205		
RFD-1604-2I2	.197 [5.00]	.205 [5.20]	.390 [9.90]		0.61		RFA-4009-201		
RFD-1605-2-C	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.213		RFA-4009-206	Straight	
	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.213		RFA-4009-206	Right Angle	
RFD-1605-2-C1	.240 [6.10]	.413 [10.50]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RFD-1605-2-E	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.429		RFA-4009-205	Straight	
	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.429		RFA-4009-205	Right Angle	
RFD-1605-2-I2	.374 [9.50]	.413 [10.5]	.406 [10.30]	SOLDER	0.6			2-Step Strip, Dielectric & Braid Same Cut	
RFD-1605-2-X	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.255		RFA-4009-203	Right Angle	
	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.255		RFA-4009-203	Straight	
RFD-1625-2-E	.32 [8.13]	.445 [11.30]	.285 [7.24]	Solder			RFA-4009-205	Straight	
	.175 [4.45]	.41 [10.41]	.285 [7.24]	Solder			RFA-4009-205	Right Angle	
RFD-1630-2-C	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.213		RFA-4009-206	Straight	
	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.213		RFA-4009-206	Right Angle	
RFD-1630-2-C1	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.213		RFA-4009-206	Straight	
	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.213		RFA-4009-206	Right Angle	
RFD-1630-2-E	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.429		RFA-4009-205	Straight	
	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.429		RFA-4009-205	Right Angle	
RFD-1630-2-X	.175 [4.45]	.54 [13.72]	.325 [8.26]	Solder	0.255		RFA-4009-203	Right Angle	
	.325 [8.26]	.57 [14.48]	.325 [8.25]	Solder	0.255		RFA-4009-203	Straight	
RFD-1631-2I2	.197 [5.00]	.205 [5.20]	.390 [9.90]		0.61		RFA-4009-201		
RFD-1640-2								4 .145" Dia. Holes .975" O/C	55



ASSEMBLY & MOUNTING GUIDE — continued

See mounting diagrams in [Mounting Configuration section](#)

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part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
RFD-1643-HS									54
RFD-1644-25R1	.180 [4.57]							4 .145" Dia. Holes .975" O/C	55
RFD-1644-25R2	.180 [4.57]							4 .145" Dia. Holes .975" O/C	55
RFD-1644-25R3	.180 [4.57]							4 .145" Dia. Holes .975" O/C	55
RFE-6000-B	.091 [2.30]	.118 [3.00]	.236 [6.00]	0.042	0.13		RFA-4009-204		
RFE-6000-C	.118 [3.00]	.158 [4.01]	.295 [7.50]	Solder	0.213		RFA-4009-204		
RFE-6050-C	.138 [3.50]	.177 [4.50]	.315 [8.00]	0.068	0.213		RFA-4009-204		
RFE-6050-C1	.138 [3.50]	.177 [4.50]	.315 [8.00]	0.068	0.213		RFA-4009-204		
RFE-6050-C2	.138 [3.50]	.177 [4.50]	.315 [8.00]	0.068	0.213		RFA-4009-204		
RFE-6050-X	.157 [4.00]	.252 [6.40]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFF-1402-08	.290 [9.90]	.252 [6.40]	.252 [6.40]				RFA-4005-306	2-Step Strip, Dielectric & Braid Same Cut	
RFF-1402-0	.230 [5.84]	.280 [7.11]	.280 [7.11]		20		RFA-4005-306	2-Step Strip, Dielectric & Braid Same Cut	
RFF-1442								.380 Dia. Bkhd. Mtg. Hole w/ D-Flat 4 Holes .320 O/C	4, 33
RFF-1442-03								.380 Dia. Bkhd. Mtg. Hole w/ D-Flat 4 Holes .320 O/C	4, 33
RFF-1442-1								.380 Dia. Bkhd. Mtg. Hole w/ D-Flat 4 Holes .320 O/C	4, 33
RFF-1444								.380 Dia. Bkhd. Mtg. Hole w/ D-Flat 4 Holes .320 O/C	5
RFF-1450-03								4 Holes .320 O/C	13
RFN-1000-15	.150 [3.80]	.142 [3.60]	.142 [3.60]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFN-1000-C2	.155 [3.94]	.120 [3.05]	.120 [3.05]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFN-1000-C25	.155 [3.94]	.120 [3.05]	.120 [3.05]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFN-1000-N	.150 [3.80]	.142 [3.60]	.142 [3.60]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFN-1001-5	.441 [11.20]	.02 [5.1]	.287 [7.30]	Solder					
RFN-1002-1N	.177 [4.50]	.138 [3.50]	.295 [7.50]	0.1			RFA-4009-206	Peel back Braid to cut Dielectric	
RFN-1002-13	.155 [3.94]	.115 [2.92]	.270 [6.86]	0.1			RFA-4009-206	Peel back Braid to cut Dielectric	
RFN-1002-131	.177 [4.50]	.124 [3.14]	.302 [7.64]	0.128			RFA-4005-200	Peel back Braid to cut Dielectric	
RFN-1002-212	.177 [4.50]	.063 [1.60]	.197 [5.00]	Solder				Peel back Braid to cut Dielectric	
RFN-1002-PL	.177 [4.50]	.138 [3.50]	.295 [7.50]	0.118			RFA-4009-205	Peel back Braid to cut Dielectric	
RFN-1004-13P	.150 [3.81]	.140 [3.54]	.140 [3.54]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFN-1004-13X	.150 [3.81]	.138 [3.50]	.287 [7.30]	0.068			RFA-4009-206	Peel back Braid to cut Dielectric	
RFN-1005-13R1	.138 [3.51]							1-Step Strip	
RFN-1005-13R2	.138 [3.51]							1-Step Strip	
RFN-1005-2N	.157 [4.00]	.110 [2.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RFN-1005-3C	.157 [4.00]	.110 [2.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RFN-1005-3C1	.157 [4.00]	.110 [2.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RFN-1005-5	.16 [4.06]	.125 [3.18]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RFN-1005-7	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RFN-1005-B-03	.209 [5.30]	.248 [6.30]	.276 [7.00]	0.1	0.13		RFA-4005-200		
RFN-1005-B1-03	.209 [5.30]	.248 [6.30]	.276 [7.00]	0.1	0.13		RFA-4005-200		
RFN-1005-C1	.150 [3.81]	.085 [2.16]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RFN-1005-C2	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RFN-1005-C25	.150 [3.81]	.09 [2.29]	.323 [8.20]	0.1	0.213		RFA-4009-206		
RFN-1006-212	.256 [6.50]	.122 [3.10]	.390 [9.90]	0.184	0.61		RFA-4009-201		
RFN-1006-38	.135 [3.43]	.08 [2.03]	.325 [8.25]	0.1	0.409		RFA-4009-205		
RFN-1006-3P	.135 [3.43]	.08 [2.03]	.325 [8.25]	0.1	0.409		RFA-4009-205		
RFN-1006-3I	.177 [4.50]	.085 [2.17]	.374 [9.50]	0.128	0.409		RFA-4005-200		
RFN-1006-B	.197 [5.00]	.205 [5.20]	.327 [8.30]		0.409		RFA-4009-205		
RFN-1006-BX	.190 [4.82]	.180 [4.57]	.300 [7.61]		0.255		RFA-4009-203		
RFN-1006-91	.197 [5.00]	.205 [5.20]	.327 [8.30]		0.409		RFA-4009-205		
RFN-1006-912	.187 [4.75]	.250 [6.35]	.550 [14.0]		.610		RFA-4009-201		

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RPN-1006-9X	.190 [4.82]	.180 [4.57]	.300 [7.61]		0.255		RFA-4009-203		
RPN-1006-I	.130 [3.30]	.085 [2.17]	.325 [8.25]	0.128	0.429		RFA-4005-200		
RPN-1006-I-15	.177 [4.50]	.085 [2.17]	.374 [9.50]	0.128	0.429		RFA-4005-200		
RPN-1006-I-WB	.150 [3.81]	.170 [4.32]	.375 [9.50]	.118	.429		RFA-4005-205		
RPN-1006-I-L6	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.1	0.324		RFA-4005-308		
RPN-1006-PL	.17 [4.32]	.06 [1.4]	.325 [8.25]	0.128	0.429		RFA-4005-200		
RPN-1007-25P	.150 [3.80]	.082 [2.08]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPN-1007-25X	.150 [3.80]	.082 [2.08]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPN-1007-X	.150 [3.80]	.082 [2.08]	.323 [8.20]	0.1	0.255		RFA-4005-400		
RPN-1009-3E	.125 [3.18]	.175 [4.43]	.325 [8.25]	Solder	0.429		RFA-4009-205		
RPN-1009-3I	.140 [3.54]	.145 [3.68]	.325 [8.25]	Solder	0.429		RFA-4009-205		
RPN-1009-8-03	.157 [4.00]	.315 [8.00]	.327 [8.30]	Solder	0.178		RFA-4009-204		
RPN-1009-C	.150 [3.80]	.141 [3.58]	.323 [8.20]	0.1	0.213		RFA-4009-206		
RPN-1009-C-03	.06 [1.52]	.355 [9.02]	.325 [8.25]		0.213		RFA-4009-206		
RPN-1009-C1	.140 [3.54]	.145 [3.68]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RPN-1009-C1-03	.06 [1.52]	.355 [9.02]	.325 [8.25]		0.213		RFA-4009-206		
RPN-1009-C2	.140 [3.54]	.145 [3.68]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RPN-1009-I	.232 [5.90]	.263 [6.68]	.327 [8.30]		0.429		RFA-4009-205		
RPN-1009-I-99	.157 [4.00]	.106 [2.70]	.346 [8.80]	0.128	0.429		RFA-4005-300		
RPN-1009-PL	.149 [3.78]	.140 [3.54]	.325 [8.25]	Solder	0.429		RFA-4009-205		
RPN-1009-X-04	.150 [3.80]	.315 [8.00]	.327 [8.30]		0.255		RFA-4009-203		
RPN-1020-1									19
RPN-1021									20
RPN-1021-03									20
RPN-1021-1									20
RPN-1021-11									20
RPN-1021-14									20
RPN-1021-2									20
RPN-1021-25R2	.138 [3.50]			0.1			RFA-4009-206		20
RPN-1021-4								4 Holes, .500" O/C	15
RPN-1021-5								4 Holes, .500" O/C	15
RPN-1021-6	.150 [3.80]	.138 [3.50]	.138 [3.50]	0.068			RFA-4009-206	4 Holes, .720" O/C, 2-Step Strp, Dielectric & Braid Same Cut	20
RPN-1021-SR3									20
RPN-1022								.630" Dia. Mounting Hole, No D-Flats	53
RPN-1022-1								.641" Dia. Mounting Hole, Dbl D-Flats	18
RPN-1022-25R2	.161 [4.10]			0.1			RFA-4009-206	.634" Dia. Mounting Hole, Dbl D-Flats	18
RPN-1022-3								.641" Dia. Mounting Hole, Dbl D-Flats	18
RPN-1022-3-03								.641" Dia. Mounting Hole, Dbl D-Flats	18
RPN-1022-5								.380" Dia. Mounting Hole, D-Flat	4
RPN-1022-5-03									4
RPN-1022-8	.098 [2.50]	.122 [3.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		18
RPN-1022-8-B1	.098 [2.50]	.122 [3.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		18
RPN-1022-8-C	.177 [4.50]	.307 [7.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		18
RPN-1022-8-C1	.177 [4.50]	.307 [7.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		18
RPN-1022-8-C2	.177 [4.50]	.307 [7.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		18
RPN-1022-8-M	.177 [4.50]	.307 [7.80]	.327 [8.30]	0.1	0.213		RFA-4009-206		18
RPN-1022-SR1	.138 [3.50]			Solder					18
RPN-1022-SR2	.138 [3.50]			Solder					18

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
RPN-1022-SR3	.138 [3.50]			Solder					18
RPN-1022-X	.177 [4.50]	.307 [7.80]	.327 [8.30]	0.1	0.255		RFA-4005-400		18
RPN-1024-1	.177 [4.50]	.118 [3.00]	.295 [7.50]	Solder				Peel back Braid to cut Dielectric	
RPN-1024-1Si	.175 [4.43]	.140 [3.50]	.295 [7.49]	0.128			RFA-4005-302	Peel back Braid to cut Dielectric	
RPN-1024-PL	.175 [4.43]	.140 [3.50]	.295 [7.49]	0.128			RFA-4005-302	Peel back Braid to cut Dielectric	
RPN-1025-1	.177 [4.50]	.177 [4.50]	.177 [4.50]	Solder				2-Step Strip, Dielectric & Braid Same Cut	
RPN-1025-C2	.177 [4.50]	.177 [4.50]	.177 [4.50]	Solder				2-Step Strip, Dielectric & Braid Same Cut	
RPN-1026-1P	.155 [3.94]	.125 [3.18]	.125 [3.18]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RPN-1026-1X	.167 [4.23]	.125 [3.17]	.125 [3.17]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RPN-1027	.14 [3.56]	.085 [2.14]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RPN-1027-B	.138 [3.50]	.319 [8.10]	.256 [6.50]	0.1	0.13		RFA-4005-200		
RPN-1027-C1	.14 [3.56]	.085 [2.14]	.325 [8.25]	0.1	0.213		RFA-4009-206		
RPN-1027-C2	.146 [3.70]	.092 [2.34]	.323 [8.20]	0.1	0.213		RFA-4009-206		
RPN-1027-N	.146 [3.70]	.092 [2.34]	.323 [8.20]	0.1	0.213		RFA-4009-206		
RPN-1027-8B	.138 [3.50]	.319 [8.10]	.256 [6.50]	0.1	0.13		RFA-4005-200		
RPN-1028	.20 [5.08]	.055 [1.40]	.325 [8.25]	0.1	0.429		RFA-4009-205		
RPN-1028-2L2	.197 [5.00]	.390 [9.90]	.390 [9.90]	0.184	0.61		RFA-4009-201	2-Step Strip, Dielectric & Braid Same Cut	
RPN-1028-F	.20 [5.08]	.055 [1.40]	.325 [8.25]	0.1	0.429		RFA-4009-205		
RPN-1028-I	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.128	0.429		RFA-4005-200		
RPN-1028-PL	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.128	0.429		RFA-4005-200		
RPN-1028-SI	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.128	0.429		RFA-4005-200		
RPN-1029-SP	.150 [3.81]	.085 [2.14]	.325 [8.25]	0.068	0.255		RFA-4005-203		
RPN-1029-SX	.150 [3.81]	.085 [2.14]	.325 [8.25]	0.068	0.255		RFA-4005-203		
RPN-1041-1									20
RPS-2022	.155 [3.94]	.105 [2.67]	.300 [7.62]	.068	0.213		RFA-4009-206	compression	
RPS-2023	.080 [2.03]	.065 [1.65]	.300 [7.62]	.068	0.213		RFA-4009-206	compression	
RPS-2030								SEE Drawing	
RPS-2068									20
RFT-1200	.14 [3.56]	.07 [1.78]	.21 [5.33]	0.068			RFA-4009-206	Fold braid back before stripping contact and dielectric. Comb braid for clamp installation.	
RFT-1200-C2	.14 [3.56]	.07 [1.78]	.21 [5.33]	0.068			RFA-4009-206	Fold braid back before stripping contact and dielectric. Comb braid for clamp installation.	
RFT-1201-03	.14 [3.56]	.08 [2.03]	.22 [5.59]	Solder					
RFT-1201-1P	.150 [3.80]	.177 [4.50]	.177 [4.50]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFT-1201-1X	.150 [3.80]	.177 [4.50]	.177 [4.50]	0.068			RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RFT-1201-SI	.150 [3.81]	.09 [2.29]	.240 [6.10]	0.128			RFA-4005-300	Fold braid back before stripping contact and dielectric. Comb braid for clamp installation.	
RFT-1202-2	.158 [4.01]	.145 [3.68]	.327 [8.3]	0.068	0.213		RFA-4009-206		
RFT-1202-2B	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-2T	.158 [4.01]	.147 [3.73]	.325 [8.26]	0.068	0.213		RFA-4009-206		
RFT-1202-2TC1	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-3	.178 [4.52]	.142 [3.6]	.323 [8.20]	0.068	0.13	0.178	RFA-4009-204		
RFT-1202-3B1	.178 [4.52]	.142 [3.6]	.323 [8.20]	0.068	0.13	0.178	RFA-4009-204		
RFT-1202-5	.17 [4.24]	.1 [2.54]	.330 [8.38]	0.068	0.213		RFA-4009-206		
RFT-1202-7	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-7T	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-C1	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-C2	.157 [4.0]	.146 [3.7]	.327 [8.3]	0.068	0.213		RFA-4009-206		
RFT-1202-C2T	.16 [4.06]	.145 [3.68]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1202-I	.157 [4.0]	.146 [3.7]	.327 [8.3]	0.118	0.429		RFA-4009-205		

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RFT-1203-1P	.157 [4.0]	.146 [3.7]	.327 [8.3]	0.068	0.255		RFA-4009-203		
RFT-1203-1X	.157 [4.0]	.146 [3.7]	.327 [8.3]	0.068	0.255		RFA-4009-203		
RFT-1204	.313 [7.94]	.063 [1.60]	.213 [5.42]	0.068			RFA-4009-206	Jacket slit rather than stripped.	
RFT-1206	.563 [14.3]	.252 [6.40]	.252 [6.40]					2-Step Strip, Dielectric & Braid Same Cut	
RFT-1208									35, 42
RFT-1209-1B									35, 44
RFT-1209-B									35, 42
RFT-1209-W-05									35, 42
RFT-1210									16
RFT-1210-03									11
RFT-1210-15									16
RFT-1211-1									4
RFT-1211-1-03									4
RFT-1212	.130 [3.30]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RFT-1212-B	.157 [4.00]	.205 [5.20]	.331 [8.40]	0.068	0.178		RFA-4009-204		35
RFT-1212-B1	.157 [4.00]	.205 [5.20]	.331 [8.40]	0.068	0.178		RFA-4009-204		35
RFT-1212-C1	.130 [3.30]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RFT-1212-C2	.130 [3.30]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RFT-1213-P	.177 [4.50]	.177 [4.50]	.331 [8.40]	0.068	0.255		RFA-4009-203		35
RFT-1213-X	.177 [4.50]	.177 [4.50]	.331 [8.40]	0.068	0.255		RFA-4009-203		35
RFT-1214	.157 [4.00]	.138 [3.50]	.295 [7.50]	0.118			RFA-4009-205		
RFT-1216-1	.140 [3.54]	.066 [1.69]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RFT-1216-C1	.140 [3.54]	.066 [1.69]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RFT-1216-C2	.140 [3.54]	.066 [1.69]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RFT-1216-1	.158 [4.01]	.146 [3.71]	.327 [8.31]	0.118	0.429		RFA-4009-205		
RFT-1217-P	.140 [3.54]	.07 [1.72]	.340 [8.64]	0.068	0.255		RFA-4009-203		
RFT-1217-X	.140 [3.54]	.07 [1.72]	.340 [8.64]	0.068	0.255		RFA-4009-203		
RFT-1218	.157 [4.00]	.193 [4.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RFT-1218-C1	.157 [4.00]	.193 [4.95]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFT-1218-C2	.157 [4.00]	.193 [4.95]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RFT-1218-X	.244 [6.20]	.157 [4.00]	.327 [8.30]		0.255		RFA-4009-203		
RFT-1801	.118 [3.00]	.039 [1.00]	.157 [4.00]	0.068			RFA-4009-206		
RFT-1803-1	.158 [4.01]	.145 [3.68]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RFT-1803-R	.157 [4.00]	.327 [8.30]	.327 [8.30]	0.068	0.429		RFA-4009	2-Step Strip, Dielectric & Braid Same Cut	
RFT-1805	.276 [7.01]	.045 [1.14]	.217 [5.5]	Solder				.217 Slit on One Side	
RFT-1813	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.255		RFA-4009-203		35
RFU-500	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-500-C	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-500-D	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-501	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-501-C	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-501-D	.73 [18.54]	.06 [1.52]	.380 [9.65]						
RFU-503	.74 [18.80]	.140 [3.54]	.220 [5.56]					Fold braid back to trim dielectric.	
RFU-504	.335 [8.51]	.31 [7.87]	.125 [3.20]						
RFU-505	.71 [18.03]	.295 [7.49]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RFU-505-C1	.413 [10.57]	.294 [7.50]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RFU-505-ST	.731 [18.57]	.277 [7.04]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RFU-505-STC1	.731 [18.57]	.277 [7.04]	.323 [8.20]	0.068	0.213		RFA-4009-206		

ASSEMBLY & MOUNTING GUIDE — continued

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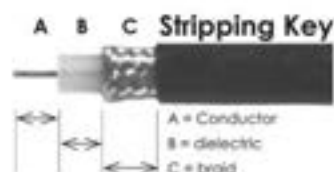


part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	config-uration
RPU-S06	.680 [17.27]	.296 [7.52]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPU-S07	.690 [17.53]	.300 [7.62]	.325 [8.25]	0.1	0.429		RFA-4009-205		
RPU-S07-PL	.690 [17.53]	.285 [7.24]	.325 [8.25]	0.128	0.429		RFA-4005-300		
RPU-S07-S	.630 [16.00]	.295 [7.49]	.323 [8.20]	0.1	0.429		RFA-4009-205		
RPU-S07-SI	.680 [17.27]	.268 [6.81]	.323 [8.20]	0.128	0.429		RFA-4005-300		
RPU-S07-ST	.690 [17.53]	.285 [7.24]	.325 [8.25]	0.1	0.429		RFA-4009-205		
RPU-S07-STF	.669 [17.00]	.248 [6.30]	.441 [11.20]	0.1	0.429		RFA-4009-205		
RPU-S07-STF1	.669 [17.00]	.248 [6.30]	.441 [11.20]	0.1	0.429		RFA-4009-205		
RPU-S08-P	.690 [17.53]	.305 [7.75]	.325 [8.25]	0.068	0.255		RFA-4009-203		
RPU-S08-X	.543 [13.80]	.346 [8.80]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RPU-S20	.150 [3.81]	.112 [2.84]	.112 [2.84]	Solder				2-Step Strip, Dielectric & Braid Same Cut	
RPU-S20-1E	.125 [3.18]	.085 [2.15]	.210 [5.33]	Solder				Fold braid back to trim dielectric.	
RPU-S20-C2	.150 [3.81]	.112 [2.84]	.112 [2.84]	Solder				2-Step Strip, Dielectric & Braid Same Cut	
RPU-S20-I	.125 [3.18]	.085 [2.15]	.210 [5.33]	Solder				Fold braid back to trim dielectric.	
RPU-S21									20
RPU-S21-2F									20
RPU-S21-ST									20
RPU-S22									19
RPU-S23									17
RPU-S23-1									35
RPU-S23-T									17
RPU-S24									17
RPU-S27	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-S27-T	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-S27-TC1	.14 [3.56]	.065 [1.65]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-600	.65 [16.25]	.10 [2.54]	.150 [3.81]	0.052			RFA-4005-400	Split Jacket two places rather than strip.	
RPU-600-1	.775 [19.69]	.375 [9.53]	.375 [9.53]	0.052	0.213		RFA-4005-400	2-Step Strip, Dielectric & Braid Same Cut	
RPU-600-10C	.157 [4.00]	.193 [4.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RPU-600-10C-03	.15 [3.81]	.195 [4.93]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-600-10C1	.708 [17.98]	.331 [8.40]	.331 [8.40]	0.052	0.213		RFA-4005-400	2-Step Strip, Dielectric & Braid Same Cut	
RPU-600-1C1	.16 [4.06]	.025 [.635]	.325 [8.25]	0.068	0.255		RFA-4009-203		
RPU-600-1P	.130 [3.30]	.031 [.79]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPU-600-1X	.15 [3.81]	.033 [.840]	.331 [8.40]	0.068	0.255		RFA-4009-203		
RPU-600-2	.098 [2.50]	.028 [.711]	.228 [5.80]	0.068	0.213		RFA-4009-206		
RPU-600-3	.15 [3.81]	.051 [1.30]	.327 [8.30]	0.068	0.178		RFA-4009-204		
RPU-600-3B1	.15 [3.81]	.051 [1.30]	.327 [8.30]	0.068	0.178		RFA-4009-204		
RPU-600-5	.17 [4.32]	.035 [.89]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-600-5C1	.17 [4.32]	.035 [.89]	.325 [8.25]	0.068	0.213		RFA-4009-206		
RPU-600-6	.150 [3.80]	.047 [1.19]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RPU-600-6C1	.150 [3.80]	.047 [1.19]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RPU-600-7	.150 [3.80]	.047 [1.19]	.323 [8.20]	0.068	0.213	0.184	RFA-4009-206		
RPU-601-1	.150 [3.80]	.126 [3.20]	.323 [8.20]	0.068	0.213		RFA-4009-206		
RPU-601-1P	.150 [3.80]	.122 [3.10]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPU-601-1X	.150 [3.80]	.122 [3.10]	.323 [8.20]	0.068	0.255		RFA-4009-203		
RPU-601-3	.140 [3.57]	.120 [3.05]	.340 [8.64]	0.068	0.178	0.13	RFA-4009-204		
RPU-601-4	.150 [3.80]	.105 [2.67]	.325 [8.25]	0.068	0.255		RFA-4009-203		
RPU-601-5	.150 [3.80]	.043 [1.10]	.295 [7.49]	0.068	0.255		RFA-4009-203		
RPU-601-B1	.140 [3.57]	.120 [3.05]	.340 [8.64]	0.068	0.178	0.13	RFA-4009-204		

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RFU-601-C1	.150 [3.80]	.126 [3.20]	.333 [8.20]	0.068	0.213		RFA-4009-206		
RFU-602									4
RFU-602-1									4
RFU-602-1SP									5
RFU-602-2									4
RFU-602-3									5
RFU-603									12
RFU-603-1									12
RFU-603-2									30
RFU-606-5									5, 26
RFU-617-B	.118 [3.00]	.205 [5.20]	.276 [7.00]	0.068	0.178		RFA-4009-204		4
RFU-617-B1	.118 [3.00]	.205 [5.20]	.276 [7.00]	0.068	0.178		RFA-4009-204		4
RHV-100-D	.118 [3.00]	.276 [7.00]	.236 [6.00]	0.068			RFA-4009-206		
RHV-100-E	.170 [4.30]	.145 [3.68]	.145 [3.68]	0.1			RFA-4009-205		
RHV-106-D	.118 [3.00]	.492 [12.50]	.276 [7.00]	Solder	0.255		RFA-4009-203		
RHV-106-X	.118 [3.00]	.492 [12.50]	.276 [7.00]	Solder	0.255		RFA-4009-203		
RHV-116								.380 Dia. w/ Obl D-Flt	5
RHV-124-D	.177 [4.50]	.229 [5.82]	.236 [6.00]	0.068			RFA-4009-206		
RMC-6010-B	.045 [1.14]	.085 [2.16]	2.00 [5.08]		0.13		RFA-4009-204		
RMC-6010-B1	.045 [1.14]	.085 [2.16]	2.00 [5.08]		0.13		RFA-4009-204		
RMX-8000-18	.098 [2.50]	.083 [2.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8000-18-LCK	.098 [2.50]	.075 [1.90]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8000-1C	.098 [2.50]	.043 [1.10]	.337 [8.30]	Solder	0.213		RFA-4009-206		
RMX-8000-B	.098 [2.50]	.083 [2.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8000-B1	.099 [2.51]	.082 [2.08]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8010-18	.106 [2.69]	.027 [.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8010-181	.106 [2.69]	.027 [.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8010-18-LCK	.079 [2.00]	.127 [3.21]	.204 [5.18]	Solder	0.13		RFA-4009-204		
RMX-8010-1C	.106 [2.69]	.033 [0.85]	.337 [8.30]	SOLDER	.213		rfa-4009-206		
RMX-8010-B	.106 [2.69]	.028 [.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8010-B1	.106 [2.69]	.028 [.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8100-B	.079 [2.00]	.106 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-8252-18	.079 [2.00]	.106 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
RMX-8300									23
RMX-8300-1									23
RMX-8350									23
RMX-8350-1									23
RMX-8400-1									23
RMX-8450-1									23
RMX-9000-1A	.078 [1.98]	.083 [2.11]	.185 [4.70]	Solder	0.13		RFA-4009-204		
RMX-9000-18	.079 [2.00]	.083 [2.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-9000-181	.079 [2.00]	.083 [2.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-9010-1A	.070 [1.78]	.032 [0.81]	.185 [4.70]	Solder	0.13		RFA-4009-204		
RMX-9010-18	.071 [1.80]	.031 [0.80]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RMX-9010-181	.071 [1.80]	.031 [0.80]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RMX-9050-18	.079 [2.00]	.102 [2.60]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-9050-181	.079 [2.00]	.102 [2.60]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RMX-9060-18	.055 [1.40]	.079 [2.01]	.213 [5.41]	Solder	0.13		RFA-4009-204		



ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	config-uration
RMX-9060-181	.055 [1.40]	.079 [2.01]	.213 [5.41]	Solder	0.13		RFA-4009-204		
RMX-9350-1									22
RP-1005-C	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RP-1006-3I	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.118	0.429		RFA-4009-205		
RP-1028-I	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.118	0.429		RFA-4009-205		
RP-1106-C	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1106-C1	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1106-C2	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1116-NG									4
RP-1117-BT	.138 [3.50]	.248 [6.30]	.394 [10.01]	0.068	0.178		RFA-4009-204		35
RP-1117-C	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1117-C1	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1202-18	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.178		RFA-4009-204		
RP-1202-181	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.178		RFA-4009-204		
RP-1202-C	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1202-C1	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1202-C2	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1202-C3	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1202-I	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.118	0.429		RFA-4009-205		
RP-1202-L6	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.324		RFA-4005-308		
RP-1202-X	.157 [4.00]	.154 [3.90]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RP-1210									16
RP-1211-1									4
RP-1212-A	.098 [2.50]	.122 [3.10]	.185 [4.70]	Solder	0.13		RFA-4009-204		35
RP-1212-B	.157 [4.00]	.205 [5.20]	.331 [8.40]	0.068	0.178		RFA-4009-204		35
RP-1212-B1	.157 [4.00]	.205 [5.20]	.331 [8.40]	0.068	0.178		RFA-4009-204		35
RP-1212-C	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1212-C1	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1212-C1-03	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1212-C2	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1212-C3	.157 [4.00]	.205 [5.20]	.327 [8.30]	0.068	0.213		RFA-4009-206		35
RP-1216-C	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1216-C1	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1216-C2	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1216-C3	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RP-1216-I	.157 [4.00]	.154 [3.91]	.327 [8.30]	0.118	0.429		RFA-4009-205		
RP-1218	.154 [3.91]	.315 [8.00]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RP-1218-C1	.154 [3.91]	.315 [8.00]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RP-3000-18	.079 [2.00]	.071 [1.80]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RP-3000-181	.079 [2.00]	.071 [1.80]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RP-3000-1C	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RP-3000-1C1	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RP-3000-1X	.079 [2.00]	.327 [8.30]	.327 [8.30]	Solder	0.255		RFA-4009-203	2-Step Strip, Dielectric & Braid Same Cut	
RP-3000-8	.079 [2.00]	.071 [1.80]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RP-3000-81	.079 [2.00]	.071 [1.80]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RP-3000-C	.078 [2.0]	.067 [1.7]	.326 [8.3]	Solder	0.213		RFA-4009-206		
RP-3000-C1	.078 [2.0]	.067 [1.7]	.326 [8.3]	Solder	0.213		RFA-4009-206		
RP-3000-C2	.078 [2.0]	.067 [1.7]	.326 [8.3]	Solder	0.213		RFA-4009-206		
RP-3000-I	.157 [4.00]	.150 [3.80]	.327 [8.30]	0.118	0.429		RFA-4009-205		

ASSEMBLY & MOUNTING GUIDE — continued

See mounting diagrams in *Mounting Configuration* section

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part #	strip A	strip B	strip C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
RP-3010-1B	.102 [2.60]	.114 [2.90]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RP-3010-1B1	.102 [2.60]	.114 [2.90]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RP-3010-1C	.080 [2.03]	.140 [3.55]	.300 [7.62]	Solder	0.213		RFA-4009-206		
RP-3010-1C1	.059 [1.50]	.185 [4.70]	.228 [5.80]	Solder	0.213		RFA-4009-206		
RP-3050-1B	.110 [2.80]	.09 [2.29]	.210 [5.33]	Solder	0.13		RFA-4009-204		
RP-3050-1B1	.110 [2.80]	.09 [2.29]	.210 [5.33]	Solder	0.13		RFA-4009-204		
RP-3050-1C	.110 [2.80]	.107 [2.72]	.295 [7.50]	Solder	0.213		RFA-4009-206		
RP-3050-1C1	.110 [2.80]	.107 [2.72]	.295 [7.50]	Solder	0.213		RFA-4009-206		
RP-3050-1C2	.110 [2.80]	.107 [2.72]	.295 [7.50]	Solder	0.213		RFA-4009-206		
RP-3251-1									3
RP-3252-1B	.098 [2.50]	.091 [2.30]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RP-3252-1B-03	.098 [2.50]	.099 [2.51]	.235 [5.98]	Solder	0.13		RFA-4009-204		3
RP-3252-1B1	.098 [2.50]	.091 [2.30]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RP-3252-1C	.098 [2.50]	.090 [2.30]	.326 [8.29]	Solder	0.213		RFA-4009-206		3
RP-3252-1C1	.098 [2.50]	.197 [5.00]	.295 [7.50]	Solder	0.213		RFA-4009-206		3
RP-3252-A-06	.099 [2.51]	.046 [1.17]	.190 [4.83]	Solder	0.1		RFA-4009-206		3
RP-3300									23
RP-3300-1									23
RP-4252-B	.087 [2.20]	.078 [1.99]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
RP-700-179-1	.157 [4.00]	.122 [3.10]	.185 [4.70]	Solder	0.13		RFA-4009-204		
RP-9000-1B	.070 [1.78]	.030 [0.75]	.200 [5.08]	Solder	0.13		RFA-4009-204		
RP-9010-1B	.063 [1.60]	.043 [1.10]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RPT-3000-1C	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RPT-3000-C	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RQA-5000-C	.079 [2.00]	.075 [1.90]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RQA-5000-C1	.079 [2.00]	.075 [1.90]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RQA-5000-X	.079 [2.00]	.031 [0.79]	.327 [8.30]	0.052	0.255		RFA-4005-400		
RQA-5010-C	.110 [2.79]	.135 [3.44]	.336 [8.54]	Solder	0.213		RFA-4009-206		
RQA-5010-C1	.110 [2.79]	.135 [3.44]	.336 [8.54]	Solder	0.213		RFA-4009-206		
RQA-5010-BX	.118 [3]	.146 [3.7]	.327 [8.3]	N/A	.255				
RQA-5010-X	.248 [6.30]	.327 [8.30]	.327 [8.30]	Solder	0.255		RFA-4009-203	2-Step Strip, Dielectric & Braid Same Cut	
RSA-3000-1B	.098 [2.50]	.067 [1.70]	.254 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3000-1B-03	.098 [2.50]	.067 [1.70]	.254 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3000-1B1	.098 [2.50]	.067 [1.70]	.254 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3000-1C	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-1C-03	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-1C1	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-1C2	.079 [2.00]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-7	.110 [2.80]	.067 [1.70]	.327 [8.30]	Solder	0.13		RFA-4009-204		
RSA-3000-A	.098 [2.50]	.091 [2.30]	.185 [4.70]	Solder	0.13		RFA-4009-204		
RSA-3000-B	.098 [2.50]	.067 [1.70]	.254 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3000-B1	.098 [2.50]	.067 [1.70]	.254 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3000-B-35	.100 [2.54]	.040 [1.02]	.230 [5.84]	Solder	0.13		RFA-4009-204		
RSA-3000-C	.110 [2.80]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-C1	.138 [3.50]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-C2	.079 [2.01]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RSA-3000-H	.157 [4.00]	.150 [3.80]	.327 [8.30]	0.118	0.429		RFA-4009-205		
RSA-3000-X	.079 [2.00]	.327 [8.31]	.327 [8.31]	0.068	0.255		RFA-4009-203	2-Step Strip, Dielectric & Braid Same Cut	

ASSEMBLY & MOUNTING GUIDE — continued

See mounting diagrams in [Mounting Configuration section](#)

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	config- uration
RSA-3010-18	.102 [2.60]	.114 [2.90]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3010-18-04	.110 [2.79]	.181 [4.60]	.197 [5.00]	Solder	0.13		RFA-4009-204		
RSA-3010-18-1	.102 [2.60]	.114 [2.90]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3010-1C	.102 [2.60]	.114 [2.90]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-1C1	.102 [2.60]	.114 [2.90]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-7	.102 [2.60]	.114 [2.90]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-8	.102 [2.60]	.114 [2.90]	.256 [6.50]	Solder	0.13		RFA-4009-204		
RSA-3010-8-1	.100 [2.54]	.115 [2.92]	.255 [6.48]	Solder	0.13		RFA-4009-204		
RSA-3010-8-55	.100 [2.54]	.100 [2.54]	.215 [5.46]	Solder	0.13		RFA-4009-204		
RSA-3010-C	.102 [2.60]	.114 [2.90]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-C1	.102 [2.60]	.114 [2.90]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-C2	.161 [4.10]	.126 [3.20]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3010-X	.157 [4.00]	.126 [3.20]	.327 [8.31]	Solder	0.255		RFA-4009-203		
RSA-3050-18	.098 [2.49]	.091 [2.31]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RSA-3050-18-1	.098 [2.49]	.091 [2.31]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RSA-3050-1C	.098 [2.49]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3050-1C1	.098 [2.49]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3050-1C2	.079 [2.00]	.327 [8.31]	.327 [8.31]	Solder	0.213		RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RSA-3050-8	.100 [2.54]	.09 [2.29]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RSA-3050-8-1	.100 [2.54]	.09 [2.29]	.205 [5.20]	Solder	0.13		RFA-4009-204		
RSA-3050-C	.098 [2.49]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3050-C1	.098 [2.49]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RSA-3050-C2	.079 [2.00]	.327 [8.31]	.327 [8.31]	Solder	0.213		RFA-4009-206	2-Step Strip, Dielectric & Braid Same Cut	
RSA-3050-X	.079 [2.00]	.327 [8.31]	.327 [8.31]	Solder	0.255		RFA-4009-203	2-Step Strip, Dielectric & Braid Same Cut	
RSA-3100-8	.079 [2.00]	.102 [2.60]	.126 [3.20]	Solder				Fold braid back to 1mm dielectric, then 1mm braid.	
RSA-3100-C	.079 [2.00]	.102 [2.60]	.126 [3.20]	Solder				Fold braid back to 1mm dielectric, then 1mm braid.	
RSA-3110-8	.102 [2.60]	.126 [3.20]	.126 [3.20]	Solder				3-Step Strip, Dielectric & Braid Same Cut	
RSA-3110-C	.102 [2.60]	.130 [3.30]	.157 [3.99]	Solder				Fold braid back to 1mm dielectric, then 1mm braid.	
RSA-3200									3
RSA-3200-1									3
RSA-3221									9
RSA-3231									14
RSA-3232-1									14
RSA-3250									3
RSA-3251									3
RSA-3251-1-10									3
RSA-3252-18	.098 [2.50]	.091 [2.30]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RSA-3252-18-1	.098 [2.50]	.091 [2.30]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RSA-3252-11	.158 [4.00]	.150 [3.81]	.327 [8.31]	0.118	0.429		RFA-4009-205		3
RSA-3252-A	.098 [2.50]	.220 [5.60]	.185 [4.70]	Solder	0.13		RFA-4009-204		3
RSA-3252-A-4	.100 [2.54]	.040 [1.02]	.270 [6.86]	Solder	0.1		RFA-4009-205		3
RSA-3252-8	.098 [2.50]	.091 [2.30]	.205 [5.20]	0.052	0.13		RFA-4009-204		3
RSA-3252-8-03	.079 [2.00]	.079 [2.00]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RSA-3252-8-1	.100 [2.54]	.090 [2.29]	.205 [5.20]	Solder	0.13		RFA-4009-204		3
RSA-3252-C	.100 [2.54]	.090 [2.29]	.325 [8.26]	Solder	0.213		RFA-4009-206		3
RSA-3252-C1	.098 [2.50]	.091 [2.30]	.327 [8.30]	Solder	0.213		RFA-4009-206		3
RSA-3252-C2	.098 [2.50]	.091 [2.30]	.327 [8.30]	Solder	0.213		RFA-4009-206		3
RSA-3261									9
RSA-3262									9

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	strip B	strip C	hex 1	hex 2	hex 3	recommended crimp tool	notes	configuration
RSA-3262-1									9
RSA-3268									9
RSA-3269									9
RSA-3270-C	0.098 [2.49]	.091 [2.31]	.337 [8.30]	0.068	0.213		RFA-4009-206		14
RSA-3271									14
RSA-3279									14
RSA-3279-10									14
RSA-3285-03									14
RSA-3290									20
RSA-3290-10									20
RSA-3300									23
RSA-3300-03									3, 23
RSA-3300-1									23
RSA-3300-1-03									3, 23
RSA-3300-HL									3, 23
RSA-3300-HL-03									3, 23
RSA-3350									23
RSA-3350-1									23
RSA-3350-2-1									23
RSA-3500-085	.118 [3.00]			Solder					
RSA-3500-1-085	.118 [3.00]			Solder					
RSA-3500-1-141	.098 [2.50]			Solder					
RSA-3500-141	.098 [2.50]			Solder					
RSA-3500-141-03	.110 [2.80]			Solder					
-03	.110 [2.80]			Solder					
RSA-3510-085	.118 [3.00]			Solder					
RSA-3510-1-085	.118 [3.00]			Solder					
RSA-3510-1-141	.118 [3.00]			Solder					
RSA-3510-141	.118 [3.00]			Solder					
RSA-3550-085	.098 [2.50]			Solder					7
RSA-3550-1-085	.098 [2.50]			Solder					7
RSA-3555-1-047	.098 [2.50]			Solder					
RSA-3555-1SR1	.098 [2.50]			Solder					
RSA-3555-1SR2	.079 [2.00]			Solder					
RSA-3555-SR1	.098 [2.50]			Solder					
RSA-3555-SR2	.079 [2.00]			Solder					
RSA-3560-1-047	.098 [2.50]			Solder					3
RSA-3560-141	.079 [2.00]			Solder					3
RSA-3560-1-SR1	.098 [2.50]			Solder					3
RSA-3565-SR2	.110 [2.79]			Solder					
RSA-3570-085	.079 [2.00]			Solder					31
R5B-200-1-179	.079 [2.01]	.106 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R5B-200-151	.079 [2.01]	.106 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R5B-210-1-179	.102 [2.60]	.075 [1.90]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R5B-210-1-51	.102 [2.60]	.075 [1.90]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R5B-220-1-179	.079 [2.01]	.106 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R5B-221-1-179	.079 [2.01]	.102 [2.60]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
R5B-250-1									50

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
R58-255-1									50
R58-260-1									50
R58-265-1									23
R58-300-1-179	.079 [2.01]	.104 [2.69]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-301-179	.079 [2.01]	.091 [2.30]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-310-1-179	.138 [3.50]	.087 [2.20]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-350-1									23
R58-355-1									23
R58-4000-18	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4000-181	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4000-8	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4000-8-03	.079 [2.00]	.104 [2.69]	.205 [5.21]	Solder	0.13		RFA-4009-204		
R58-4000-81	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4010-18	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4010-181	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4010-8	.059 [1.50]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4010-81	.059 [1.50]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4050-18	.098 [2.50]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4050-181	.098 [2.50]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4050-8	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4050-81	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		
R58-4055-18	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4055-181	.102 [2.60]	.075 [1.90]	.254 [6.50]	Solder	0.13		RFA-4009-204		
R58-4100-8	.110 [2.79]	.060 [1.52]	.197 [5.00]	Solder				Slit cable jacket rather than strip.	
R58-4251									2
R58-4251-1									2
R58-4252-18	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
R58-4252-181	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
R58-4252-8	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
R58-4252-81	.079 [2.01]	.104 [2.70]	.205 [5.20]	Solder	0.13		RFA-4009-204		2
R58-4300									23
R58-4300-1									23
R58-4301-1									23
R58-4350									23
R58-4350-1									23
R58-4350-1-75									23
R58-4400-1									23
R58-710-18	.079 [2.00]	.035 [0.90]	.213 [5.40]	0.13			RFA-4009-204		
R58-750-18	.079 [2.00]	.032 [0.81]	.205 [5.21]	SOLDER	0.13		RFA-4009-204		
R58-750-181	.079 [2.00]	.032 [0.81]	.205 [5.21]	SOLDER	0.13		RFA-4009-204		
RT-1005-C	.157 [4.00]	.146 [3.71]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RT-1005-C1	.157 [4.00]	.146 [3.71]	.327 [8.30]	0.1	0.213		RFA-4009-206		
RT-1009-C1-03	.157 [4.00]	.327 [8.30]	.327 [8.30]	SOLDER	0.213		RFA-4009-206		
RT-1200-C	.157 [4.0]	.134 [3.40]	.291 [7.39]	0.068			RFA-4009-206	Fold braid back to trim dielectric.	
RT-1200-I	.150 [3.81]	.090 [2.29]	.240 [6.10]	0.128			RFA-4005-300		
RT-1202-C	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RT-1202-C1	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.213		RFA-4009-206		
RT-1202-I	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.128	0.429		RFA-4005-200		

ASSEMBLY & MOUNTING GUIDE — continued

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part #	strip A	STRIP B	STRIP C	HEX 1	HEX 2	HEX 3	recommended crimp tool	notes	configuration
RT-1203-1X	.157 [4.00]	.146 [3.70]	.327 [8.30]	0.068	0.255		RFA-4009-203		
RT-1208							2 Holes .400" O/C	.510 Dia. w/ 3 D-Flats	37, 42
RT-1209-B									35, 42
RT-1211-1								.380 Dia. D-Flat	4
RT-3000-1C	.138 [3.50]	.067 [1.70]	.327 [8.30]	Solder	0.213		RFA-4009-206		
RT-3000-1C1	.135 [3.43]	.07 [1.78]	.325 [8.26]	Solder	0.213		RFA-4009-206		
RT-3252-1B-04	.120 [3.05]	.115 [2.92]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RT-3252-1B1-04	.120 [3.05]	.115 [2.92]	.205 [5.21]	Solder	0.13		RFA-4009-204		
RT-3252-1C	.098 [2.50]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		
RT-3252-1C1	.098 [2.50]	.091 [2.31]	.327 [8.31]	Solder	0.213		RFA-4009-206		

Crimp vs Solder

CRIMP vs SOLDER: PROS & CONS

Connections More Vital Than Ever



Today, a flawed coaxial connection can severely reduce performance on digital systems like ThinNET (EtherNET), Wireless networks like WiFi and WLAN's and high-end video like SDTV, DTV and HDTV. Where just a few years ago a poorly installed CCTV connector might have yielded a 1dB or less loss on a CCTV system, the same bad connection can now yield a 10dB loss on a > 1GHz system. That could mean that only about a third of the signal would get through the connection.

Let's review a few of the factors to be considered when building coaxial connections and cable assemblies.

First of all, whether using solder or crimp as your attachment method, you must bring the right tools and skills to the table.

Good tools are not optional. The proper instruments and components, along with the knowledge gained from training and experience, set the stage for success in field and bench installations.

Installing the connector's center contact to the cable's center conductor is more reliably achieved using either solder or crimp methods. Push-on, twist-on or wire-wrap methods can be very problematical and should not be considered for any assembly needed to perform over 1 GHz.

Both crimp and solder types of connection allow for solid mechanical and electrical connections. Whichever method is used, you must practice your technique.

Solder

This fabrication method is often considered the most labor-intensive because the connector's center contact is soldered to the cable's inner conductor. Performed properly, it is also one of the most reliable connections and can be used on cable with solid or stranded center conductors. If metals and plating of contact and cable are compatible and solder-able, and, if the technician is skilled in this type of installation, solder connections can be expected to perform for long periods of use.

The solder method offers several advantages for connectorization.



PREFERRED

1. Solder around joint is smooth and shiny
2. No evidence of solder flow outside joint region
3. Solder hole is filled flush with outside pin surface

- Tooling is simple: the main tool is a low-wattage solder iron with an assortment of tips and installation is aided by the use of a decent vise to hold the work in place while applying solder. Beyond that, the materials consumed are solder and flux.

**PREFERRED**

1. Solder around joint is smooth and shiny
2. No evidence of solder flow outside joint region

- Soldering is much more tolerant of non-optimum technique.

Disadvantages of this method:

- It takes more time to terminate than other methods.
- "Cold" solder joints can cause problems if the connector is not soldered properly to the cable, observing solder flow through the contact solder hole.

**NONCONFORMING**

1. Visible braid indicates solder fill less than 75% minimum
2. Cavity changes contour of pin
3. Electricals will be affected

**NONCONFORMING**

1. Excess solder flow onto body of pin
2. Excess solder changes contour of pin
3. Electricals will be affected

- Soldered joints between contact and center conductor can work harden if subjected to excessive vibration during use and develop micro-cracks followed by solder fatigue.
- Soldering can be inconsistent and subject to failure as a result of mechanical or temperature stresses.
- Care must be taken to control heat applied during the soldering process and not allow solder to wick or distort the cable dielectric.

**NONCONFORMING**

1. Dielectric melted past OD + 20% maximum
2. Flare of dielectric will interfere with assembly
3. Pin has melted into dielectric
4. Pin will not meet interface

**PREFERRED**


4. Dielectric shows clean 90 degree stripping
5. No evidence of melting

Crimp-on

This fabrication method has always been the workhorse of the industry, and is probably the most frequently used method of terminating connectors on coax cable.

The crimp method is the most popular because:



- There is no need for soldering; therefore, installation time is reduced.

	<p>PREFERRED</p> <ol style="list-style-type: none"> 1. Equal compression on all 6 crimp surfaces 2. Crimp die positioned within pin step down
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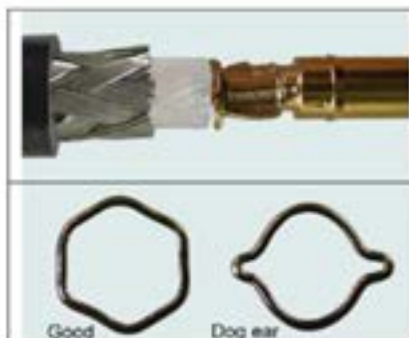
- It takes an experienced technician about 15 seconds to install a crimp-on connector, thereby greatly reducing the time required to create cable assemblies. This is very important in today's cabling market where time is of the essence and fewer technicians are being asked to maintain more and more equipment. Digital video, computer and network cabling is almost universally crimped today.
- Crimped connections, done correctly, can be superior to soldered connections.
- A good crimped connection deforms the metal sufficiently past the yield point, but not too much, so that the "spring back" keeps the connection secure, even under thermal cycling (the coefficient of expansion of the two metals might be different) and vibration.
- A good crimp connection is gas tight and won't wick; it is sometimes referred to as a "cold weld".
- Like the solder method, it can be used on solid or stranded conductors, and provides a good mechanical and electrical connection.

Disadvantages of the crimp method are:

- If done poorly, the crimped contact will not seat properly within the connector taking the interface out of specification. Both signal continuity and quality will suffer.

	<p>NONCONFORMING</p> <ol style="list-style-type: none"> 1. Position of crimp die is outside crimp area 2. Body of pin is no longer concentric 3. Impedance of connector will be affected
	<p>NONCONFORMING</p> <ol style="list-style-type: none"> 1. Pin has been distorted, is no longer straight 2. Pin has begun to break at crimp Pin shows "dog ear" of excess material 3. Possible cause: wrong crimp die or too much pressure applied

- Crimped contacts cannot be un-crimped and re-installed. In many cases, this means the entire connector assembly must be scrapped and replaced by a new one.
- Crimped connections on solid wire can be poor and prone to failure, unless crimped with the proper dies using professional crimp handles.
- Sometimes, although rarely and under conditions of frequent flex, stranded wire can shift within the crimped joint and loosen. This occurs more frequently with clamp connectors than connectors with crimped ferrule studs.
- Some important points to remember when using the crimp method are to select the proper connector for the coax you are using. A tight fit on the inner conductor before crimp and the proper ratio of ferrule stud ID to cable dielectric OD and ferrule stud OD to ferrule ID is important to avoid a substandard crimp. Avoid double crimping, especially on the contact; this is known as "flagging" or "dog ears".



FERRULE CROSS SECTION

1. Good ferrule crimps into hexagon shape with equal pressure on all sides
2. Reject "dog ear" causes unequal pressure and excess material forms "ears"
3. Possible cause is wrong crimp die, too much pressure applied or ferrule material too hard

When crimping connector contacts and ferrules, careful selection of proper tools is critical. It is an investment of time and money, which increases productivity while decreasing effort. Use a ratchet crimp tool like the RFA-4005-20; or, if you anticipate thousands of crimps over the tool's anticipated use, invest in a heavy duty, piston driven crimp handle such as the RFA-4009-20. Select the correct crimping die for your cable, connector and crimp handle. Coaxial crimpers are designed to place the pressure of the crimp evenly around the connector.



A properly crimped connector will be slightly flared at the mouth. This is called the bell-mouth condition and helps relieve stress on the coax. If you are precutting for very large commercial jobs, substantial savings can be gained by having your supplier prepare your cables in advance.



PREFERRED

6. Crimp die positioned at front of ferrule, near connector
7. Equal pressure from crimp die on all sides
8. "Bell" at rear of ferrule allows cable flexibility

Some technicians prefer a combination of the two contact installation methods where an assembly will be used in rough conditions or when assembling test probes. The contact connection is first carefully crimped and then solder is flowed into it. Although a technique that can be difficult to master, it creates a connection that will never fail except under conditions of extreme mechanical damage or heat. Never crimp a soldered joint! Solder has no compression strength.

Whichever method is used, the cable must first be carefully prepared and stripped according to installation instructions for your connector.

- Jacket, braid and dielectric should be stripped at 90 degrees.
- Materials cannot be damaged or distorted.

**PREFERRED**

- 9. Jacket, braid and dielectric stripped at 90 degrees
- 10. No damage or distortion to materials
- 11. Diameter of braid less than diameter of jacket

- Diameter of braid should be less than diameter of the cable jacket.



- Braid strands must be completely and cleanly stripped to prevent shorting.
- Any flare on center conductor and braid is acceptable only if it can be twisted back into position prior to assembly.

WiFi Interface Identifier

Today's wireless market has exposed us to many new, and some familiar connectors. The wide range of antennas, access points, routers, WLAN's, cellular devices, PCMCIA cards, Bluetooth, and wireless broadband equipment now available to meet Wi-Fi IEEE802.11a/b/g requirements can sometimes seem bewildering. What are the input and output connectors used with Wi-Fi certified products which include: access points, gateways, residential gateways, PC cards, PCI cards, PCMCIA cards, UB devices, wireless print servers, WLAN enabled computers, PC peripherals, antennas, LANs and Internet access devices? Many of these connectors are not easily recognizable. We will try to give you a little background on the common Wi-Fi connectors and some tips to help you identify them.

In addition to specialized interfaces which are relatively new to the coaxial market, such as DMX, MC Card, MHF, there are variations on standard RF connectors styles which satisfy FCC Part 15 and 802.11 requirements. The most popular method used to achieve compliance has been to create reverse polarity, or gender, versions of BNC, MCX, MMCX, N, SMA, SMB, SSMB and TNC connectors. You will also find reverse, or left-handed thread versions of N, SMA and TNC connectors.

QMA



QMA connectors are quick disconnecting versions of SMA connectors; they snap on and off rather than mate by turning threads. QMA's couple in two seconds rather than twenty, but more importantly, they can be rotated 360 degrees after they are mated, optimizing the flexibility of installations and durability of jumpers. The QMA coupling mechanism creates a 360-degree butt joint that is maintained even with rotation, resulting in low RF leakage. Because QMA's are internally identical to SMA's, they offer low loss RF performance from

DC to 6 GHz, but can be used up to 18 GHz. They offer the high power handling capability of the SMA with the ability to be used in a denser environment. This is one of the reasons we are seeing increased usage of this 50-ohm interface in the Wi-Fi device arena.

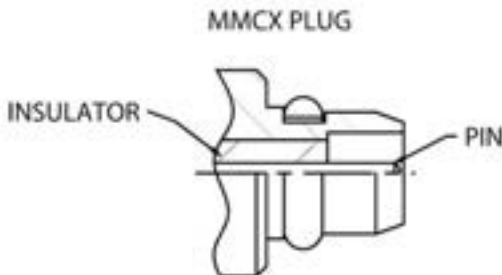
FME



FME, or "Euro-Nipple", connectors originated in Europe and are used most prominently in antenna couplings. They have 50 ohm impedance and operate in the frequency range of DC to 200 MHz. They mate with M8XP .75 threads and the female has the distinctive "nipple" appearance.

F

You will find "F" series connectors primarily in antenna and television cable applications. It is the F connector that is most readily recognized by the general public when you speak of coaxial connectors to them. Standard F connectors have nominal 75 ohm impedance, working voltage rating of 500 VRMS, operate in the frequency range of DC to 1 GHz, and 3/8-32 coupling threads. Push-on versions are available, but do not make secure connections. Newer wireless applications sometimes require "precision" F connectors, which perform at higher frequencies and with truer impedance

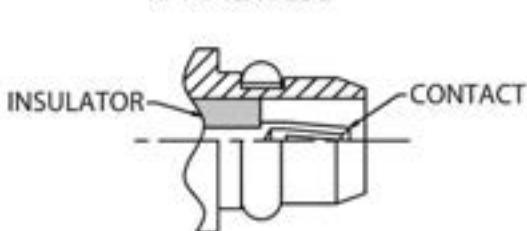
MMCX

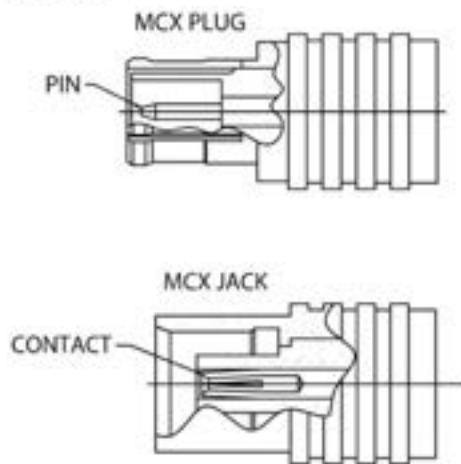
The MMCX, "miniature MCX", micro-miniature series of 50Ω connectors was developed in the 1990's for use with densely packed PCB layouts. They are about half the size of the SMB. Their lock-snap coupling mechanism with non-slotted outer contact allows 360 degree rotation without loss of broadband performance and with low reflection from DC to 6 GHz. MMCX connectors conform to European CECC 22000 specifications and their snap-

on coupling reduces installation time. MMCX plugs have no shell, a center pin and visible external snap-ring. MMCX jacks have a larger body, center socket contact and internal spring slots to receive the external snap-ring of the plug. One way to differentiate MCX and MMCX plugs if you do not have one of each for comparison is to remember that the MCX has slotted external spring fingers while the MMCX has a solid external contact with snap-ring.

**Reverse**

MMCX Reverse MMCX plugs have the dielectric and center socket of the MMCX jack inside the MMCX body. To identify them, look closely into the center of the connector. If you find a socket contact in a body with external snap-ring, you have an RP MMCX plug. They will not mate with standard MMCX jacks. To attempt to do so will damage contacts in both connectors. All performance and function characteristics of the MMCX connector apply to the RP MMCX.



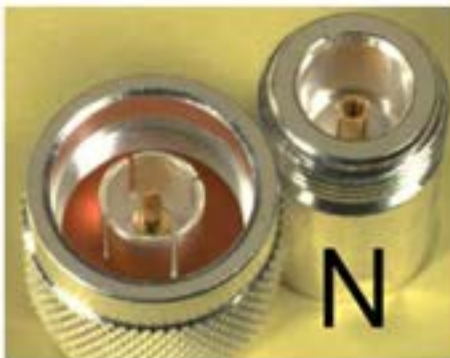
MCX

MCX, sometimes called OSX, connectors were first used in the 1980's and conform to CECC 22220 specifications. They share the same inner contact and dielectric dimensions as the SMB connector, but the outer diameter of the MCX plug is approximately 30% smaller than the SMB. Fifty-ohm MCX connectors require less engagement/disengagement force than SMB's and offer broadband performance from DC to 6 GHz with a voltage rating of 335 VRMS [depending on cable used], 250 V max working voltage and withstanding voltage of 1,000 volts. Coupled MCX connectors can be rotated 360 degrees for precision alignment without performance loss. MCX plugs have a center pin, dielectric, or insulation, which extends beyond the pin, and six slotted spring fingers

surrounding the insulation. The MCX plug inserts into the jack body. MCX jacks have a larger diameter body housing the locking mechanism for the plug's springs, recessed insulation and a slotted socket contact.

Reverse MCX

Reverse MCX connectors have pins and sockets reversed. All other features and characteristics of the standard MCX remain the same.

N

Type N connectors were designed by Paul Neill an RF engineer at Bell Labs, in the 1940's for military systems and were the first coaxial connectors with true microwave performance. N connectors use an internal gasket as a weatherproofing seal and have an air gap between inner and outer contacts. When you look into an N male, you will see this gasket inside the rotating, 5/8-24 threaded coupling shell at the base of the slotted outer ground ring and a pin as center conductor. The N female has a slotted socket contact and a tapered inner contour to engage the ground ring of the male connector. Fifty-Ohm N connectors

conform to military standard MIL-C-39012 and perform at frequencies up to 12 GHz. Some versions have solid ground rings and can perform up to 18 GHz, but you will typically find the slotted style in use. N connectors are widely used in broadband, cellular and other microwave applications. They are a common commercial antenna connector, so you will often need to jumper from N to other, smaller connectors.

Reverse

N Reverse polarity N connectors have the slotted socket contact and ground ring in the male body and the pin in the female body. Only the contacts are reversed.