

# 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](#)

[Unidapt Accessories](#)

[Unicables](#)

[Comprehensive List of Unidapt Adapters](#)

[Bookshelf Adapter Kits](#)

[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

RF Connectors is a division of RF Industries

## 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.

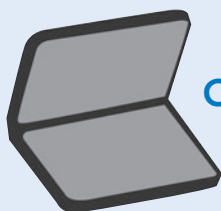


Universal  
Center Adapter



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.

The Key!



Universal  
Center Adapter  
PT-4000-013, WB



BNC Male  
PT-4000-004, WB



BNC Female  
PT-4000-010, WB



N Male  
PT-4000-003, WB



N Female  
PT-4000-009



SMA Male  
PT-4000-006



SMA Female  
PT-4000-012



TNC Male  
PT-4000-005, WB



TNC Female  
PT-4000-011, WB



UHF Male  
PT-4000-001, WB



UHF Female  
PT-4000-007, WB



Mini-UHF Male  
PT-4000-002, WB



Mini-UHF Female  
PT-4000-008, WB



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

# 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-4059-A1

The 43-piece kits include:

43  
piece

=

RCA and F adapters  
+ 5 accessories

+

30  
piece

Classic Unidapt



# 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



R/A Adapter  
PT-4000-026



T-ADAPTER  
PT-4000-027

## Binding Post and Banana plug

- Expand the capabilities and applications for Unidapt™ kits
- 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 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



RF Sampler  
RFA-4059-A1

INDIVIDUAL ADAPTERS BELOW are shown at 65% actual size

[SEE COMPLETE LIST OF UNIDAPT™ ADAPTERS](#)

KITS

The Key!



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



RCA Male  
PT-4000-014



RCA Female  
PT-4000-015



F Female  
PT-4000-016



F Male  
PT-4000-017



All parts available separately



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728  
fax: (858) 549-6345 • email: [rfi@rfindustries.com](mailto:rfi@rfindustries.com) • web: [www.rfindustries.com](http://www.rfindustries.com)



ATTENTION!

## Owners of our 30 or 43 piece kits

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

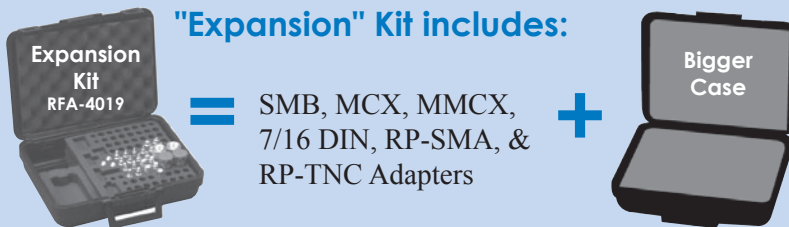
- Contains all of our new adapters and expansion slots to house your current adapters
- Convenient foam-lined case
- *Unicable Expansion Kit, RFA-4019-48*, includes two 48" Unicables™ and a Unidapt™ barrel adapter
- *Unicable Expansion Kit, RFA-4019-48-T*, includes two 48" Unicables™ a Unidapt™ barrel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

### CONTENTS OF Unidapt™ EXPANSION KITS

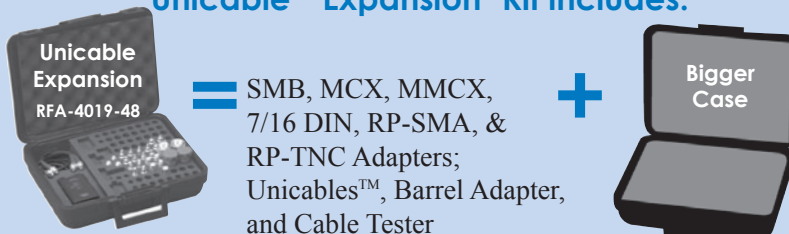
Description (interface to Unidapt™ interface)	27-piece Simple Expansion Kit RFA-4019	30-piece Unicable Expansion Kit RFA-4019-48	31-piece Unicable w/ Tester Expansion Kit RFA-4019-48T	Part Number
Universal Adapters	3	3	3	PT-4000-013
SMB Plug	2	2	2	PT-4000-114
SMB Jack	2	2	2	PT-4000-113
MCX Male	2	2	2	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:



## 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

- 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™](#)

## 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

INDIVIDUAL ADAPTERS BELOW are shown at 65% actual size

[See complete list of Unidapt™](#)

KITS

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	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	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
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
SMB Jack	2	2	PT-4000-113
SMB Plug	2	2	PT-4000-114
MCX Male	2	2	PT-4000-115
MCX Female	2	2	PT-4000-116
MMCX Male	2	2	PT-4000-117
MMCX Female	2	2	PT-4000-118
7-16 DIN Male	2	2	PT-4000-119
7-16 DIN Female	2	2	PT-4000-120
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™ 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
Unidapt™ Female-to-Female barrel adapter		1	RFA-4000-150
48" Unicables™		2	RFA-4070-48
Unidapt™ Cable Tester		1	RFA-4018-20
Unidapt™ Male to Double Binding Post	1	1	PT-4010-020
Unidapt™ Male to Banana Plug	1	1	PT-4010-021



Mega Kit  
RFA-4020

### 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



Mega-Plus Kit  
RFA-4022

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

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

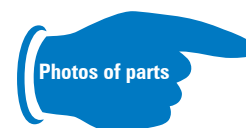
"Mega" Kit includes:



=



+



"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

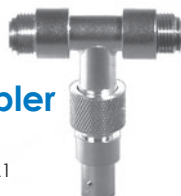


Binding Post  
PT-4010-020



Banana Plug  
PT-4010-021

## Unidapt™ RF Sampler



RFA-4059-A1

## 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

## 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



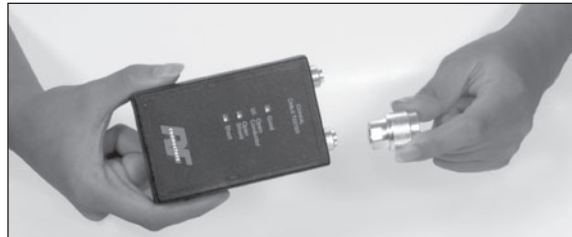
Unidapt™ Coax &  
Cat 5 Testing Kit  
RFA-4028



Unidapt™ Cable Tester  
RFA-4018-20



Unidapt™ Testing Kit  
RFA-4018



Unidapt™ WiFi  
Testing Kit  
RFA-4018-WIFI



Unidapt™ WiFi Coax and  
Cat 5 Testing Kit  
RFA-4028-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	6	6	6	6	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)

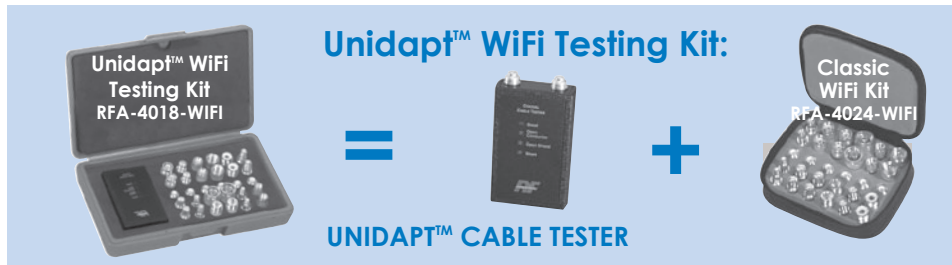
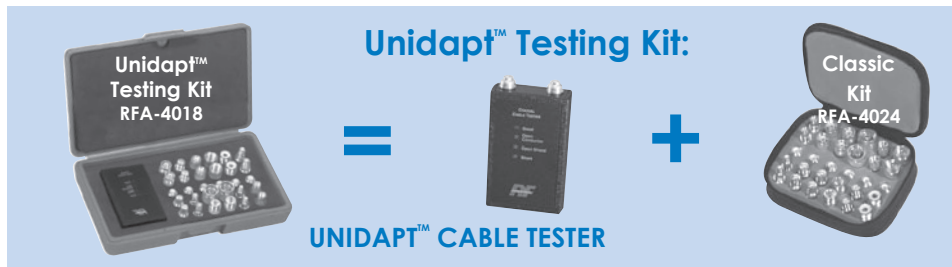
#### Features

- 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.





[Read about our Cat 5 cable](#)

[Our coaxial cable tester with BNC adapters](#)



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



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



## 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



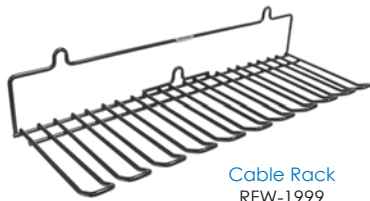
with N male (PT-4000-003) and N female (PT-4000-009) connectors (equiv. Motorola S8B80313B37)  
RFA-4059-A



without end connectors  
RFA-4059-A1

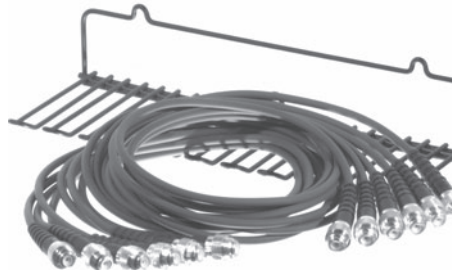
**How to Use:**  
Insert between antenna or dummy load

## 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](#)



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728  
fax: (858) 549-6345 • email: [rfi@rfindustries.com](mailto:rfi@rfindustries.com) • web: [www.rfindustries.com](http://www.rfindustries.com)

# Comprehensive List of Unidapt™ Kits

KITS: Unidapt™ Universal Adapter System

## CONTENTS OF Unidapt™ KITS

Description	Unidapt™ Testing RFA-4018	Unidapt™ WiFi Testing RFA-4018-WIFI	Coax & Cat 5 Testing RFA-4028	Coax & Cat 5 WiFi Testing RFA-4028-WIFI	27-piece RFA-4019	30-piece Expansion RFA-4019-48	31-piece Expansion w/tester RFA-4019-48I	30-piece Classic RFA-4024	30-piece WiFi RFA-4024-WIFI	30-piece White Bronze RFA-4024-WB	43-piece Expanded RFA-4023-01	43-piece WiFi RFA-4023-WIFI	70-piece Mega RFA-4020	74-piece Mega-Plus RFA-4022	Part Number
Universal Adapters	6	6	6	6	3	3	3	6	6		6	6	9	9	PT-4000-013
Universal Adapters White Bronze										6					PT-4000-013-WB
BNC Male	2	1	2	1				2	1		2	2	2	2	PT-4000-004
BNC Male White Bronze										2					PT-4000-004-WB
BNC Female	2	1	2	1				2	1		2	2	2	2	PT-4000-010
BNC Female White Bronze										2					PT-4000-010-WB
N Male	2	2	2	2				2	2		2	2	2	2	PT-4000-003
N Male White Bronze										2					PT-4000-003-WB
N Female	2	2	2	2				2	2		2	2	2	2	PT-4000-009
N Female White Bronze										2					PT-4000-009-WB
SMA Male	2	2	2	2				2	2		2	2	2	2	PT-4000-006
SMA Male White Bronze										2					PT-4000-006-WB
SMA Female	2	2	2	2				2	2		2	2	2	2	PT-4000-012
SMA Female White Bronze										2					PT-4000-012-WB
TNC Male	2	2	2	2				2	2		2	2	2	2	PT-4000-005
TNC Male White Bronze										2					PT-4000-005-WB
TNC Female	2	2	2	2				2	2		2	2	2	2	PT-4000-011
TNC Female White Bronze										2					PT-4000-011-WB
UHF Male	2		2					2			2		2	2	PT-4000-001
UHF Male White Bronze										2					PT-4000-001-WB
UHF Female	2		2					2			2		2	2	PT-4000-007
UHF Female White Bronze															PT-4000-007-WB2
Mini-UHF Male	2		2					2			2		2	2	PT-4000-002
Mini-UHF Male White Bronze										2					PT-4000-002-WB
Mini-UHF Female	2		2					2			2		2	2	PT-4000-008
Mini-UHF Female White Bronze										2					PT-4000-008-WB
RCA Male											2	1	2	1	PT-4000-014
RCA Female Phono Jack											2	1	2	1	PT-4000-015
F Female											2	1	2	1	PT-4000-016
F Male											2	1	2	1	PT-4000-017
SMB Jack					2	2	2						2	2	PT-4000-113
SMB Plug					3	3	3						2	2	PT-4000-114
MCX Male					2	2	2						2	2	PT-4000-115
MCX Female					2	2	2						2	2	PT-4000-116
MMCX Male		1		1	2	2	2		1			1	2	2	PT-4000-117
MMCX Female		1		1	2	2	2		1			1	2	2	PT-4000-118
7-16 DIN Male					2	2	2						2	2	PT-4000-119
7-16 DIN Female					2	2	2						2	2	PT-4000-120
RP-SMA Male		2		2	2	2	2		2			2	2	2	PT-4000-133
RP-SMA Female		2		2	2	2	2		2			2	2	2	PT-4000-134
RP-TNC Male		2		2	2	2	2		2			2	2	2	PT-4000-135
RP-TNC Female		2		2	2	2	2		2			2	2	2	PT-4000-136
Unidapt™ Female R/A Adapter											1	1	1	1	PT-4000-026
Unidapt™ Female T Adapter											1	1	1	1	PT-4000-027
Unidapt™ RF Sampler - 1 Piece Unit											1	1	1	1	RFA-4059-A1
Unidapt™ Female-to-Female barrel adapter						1	1							1	RFA-4000-150
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	PT-4010-020
Unidapt™ Male to Banana Plug											1	1	1	1	PT-4010-021
Cat 5 Cable Tester			1	1											RFA-4218-20





# Comprehensive List of Unidapt™ Adapters

KITS: Unidapt™ Universal Adapter System



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

KITS



## WHEN CONVENIENCE COUNTS

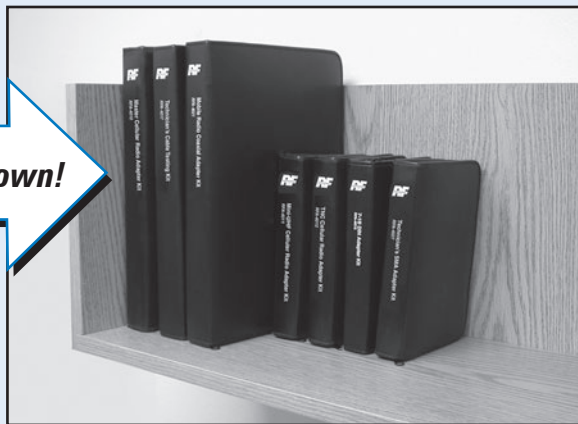
**Have all  
your Adapters  
in one kit!**

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

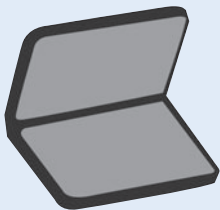
### Why kits?

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+ .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





## 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.



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

**17 pieces  
in one kit!**

### 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.



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-62



Coaxial Cable Tester  
RFA-4017-01



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

## 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)

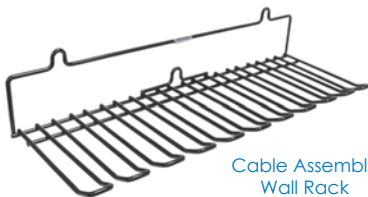
**6 cables plus wall rack (RFA-4076-48)** — (see details below)

**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



## 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



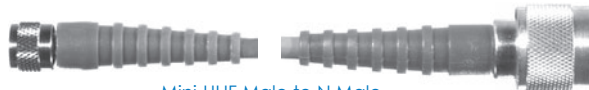
UHF Male to BNC Male  
RFW-1949



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.

## 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.



## 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.



## 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.



### 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

Kits  
described on  
prev. page

INDIVIDUAL ADAPTERS are shown at 75% actual size.



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728  
fax: (858) 549-6345 • email: [rft@rfindustries.com](mailto:rft@rfindustries.com) • web: [www.rfindustries.com](http://www.rfindustries.com)



# 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

KITS



All adapters may be bought separately.



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728  
fax: (858) 549-6345 • email: [rft@rfindustries.com](mailto:rft@rfindustries.com) • web: [www.rfindustries.com](http://www.rfindustries.com)

## 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!**



RFA-4021



Photos of  
kit contents



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

KITS



## 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

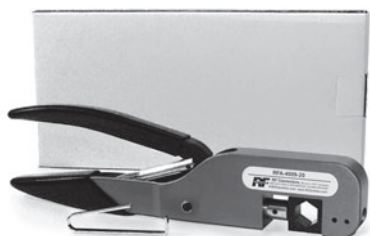
(Dies included are RFA-4009-01 and RFA-4009-05, shown at bottom of page)



- 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

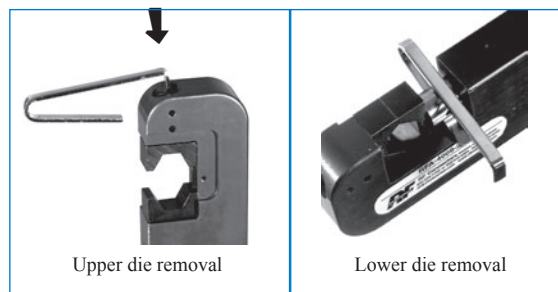


Crimp Tool and Die in Cardboard Box	RF Connectors Brand Cable Groups	Contains this Die (see hex cavities below)
RFA-4009-201	L2	RFA-4009-01
RFA-4009-203	D, P, X, W	RFA-4009-03
RFA-4009-204	B, J, S	RFA-4009-04
RFA-4009-205	E, F, I, R	RFA-4009-05
RFA-4009-206	C, C1, C2	RFA-4009-06

### PROFESSIONAL GRADE CRIMP TOOL (RFA-4009-20)



- 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



All adapters may be bought separately. See reverse.



# 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



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



All adapters and accessories may be bought separately.



7610 Miramar Road, San Diego, CA 92126 • (858) 549-6340 • (800) 233-1728  
fax: (858) 549-6345 • email: [rfi@rfindustries.com](mailto:rfi@rfindustries.com) • web: [www.rfindustries.com](http://www.rfindustries.com)