



### Overview

Amphenol RF offers a full line of high-performance BNC cable assemblies utilizing a variety of popular flexible cable types. These 50 ohm assemblies are available in multiple configurations in an extensive range of standard lengths from 6 inches to 30 meters and are suitable for a number of applications including test and measurement and industrial connectivity.

BNC cable assemblies utilize high-quality BNC connectors which feature the familiar bayonet coupling mechanism for easy mating and un-mating. These connectors are manufactured from brass with nickel plating and offer reliable electrical performance up to 4 GHz.

### Features and Benefits

- Bayonet coupling mechanism provides quick mating and unmating
- Various cable types allow for frequency and flexibility options
- Standard lengths from 6 inches to 30 meters available
- Vibration resistant connectors

### Applications

- Telecommunications
- Test and Measurement
- Industrial Connectivity
- Antenna Connections
- Patch Panels

### Amphenol RF

Four Old Newtown Road  
Danbury, CT 06810

For more information visit [www.amphenolrf.com](http://www.amphenolrf.com)  
or call 800.627.7100

### Ordering Information

#### BNC to BNC on RG-58

Part Number	Description
095-850-268XXXX	BNC Right Angle Plug to BNC Straight Jack RG-58
095-850-269XXXX	BNC Straight Plug to BNC Straight Jack RG-58

#### BNC to BNC on RG-142

Part Number	Description
095-850-251XXXX	BNC Right Angle Plug to BNC Right-Angle Plug RG-142
095-850-252XXXX	BNC Right Angle Plug to BNC Straight Jack RG-142
095-850-253XXXX	BNC Straight Plug to BNC Right-Angle Plug RG-142
095-850-254XXXX	BNC Straight Plug to BNC Straight Jack RG-142
095-850-255XXXX	BNC Straight Jack to BNC Straight Jack RG-142

#### BNC to BNC on RG-174

Part Number	Description
095-850-257XXXX	BNC Right Angle Plug to BNC Right-Angle Plug RG-174
095-850-258XXXX	BNC Right Angle Plug to BNC Straight Jack RG-174
095-850-259XXXX	BNC Straight Plug to BNC Right-Angle Plug RG-174
095-850-260XXXX	BNC Straight Plug to BNC Straight Jack RG-174
095-850-261XXXX	BNC Straight Jack to BNC Straight Jack RG-174

#### BNC to BNC on RG-316

Part Number	Description
095-850-265XXXX	BNC Right Angle Plug to BNC Straight Jack RG-316
095-850-266XXXX	BNC Straight Plug to BNC Right-Angle Plug RG-316
095-850-267XXXX	BNC Straight Plug to BNC Straight Jack RG-316

Note: 'XXXX' denotes length code. See available lengths in chart below.

#### Standard Lengths Available

Length	Length in Inches (Millimeters)
-006	6.00 in (152.40 mm)
-010	10.00 in (254 mm)
-012	12.00 in (305 mm)
-024	24.00 in (610 mm)
-036	36.00 in (914.40 mm)
-048	48.00 in (1219.20 mm)
M050	19.69 in (500 mm)
M100	39.37 in (1000 mm)
M200	196.85 in (5000 mm)

Note: Lengths listed above are standard and may vary by specific configuration. See component drawing for available options.

# Amphenol® RF

## Technical Specifications

### Electrical

Impedance	50 $\Omega$
Frequency Range	DC - 4 GHz*

### Mechanical

Mating Cycles	500 Cycles Min.
---------------	-----------------

### Environmental

Temperature Range	-40° to 85°C
RoHS	Compliant with exemption 6C

### Materials

Body	Brass, Nickel Plated
Female Contact	Phosphor Bronze, Gold Plated
Male Contact	Brass, Gold Plated
Insulator	PTFE

Note: Technical specifications are typical and may vary by specific part number. Please see component drawing.

\*RG-174 frequency range: DC - 1 GHz

**Amphenol RF**  
Four Old Newtown Road  
Danbury, CT 06810

For more information visit [www.amphenolrf.com](http://www.amphenolrf.com)  
or call 800.627.7100