



### Overview

Amphenol RF offers a full line of high-performance BNC cable assemblies utilizing highly flexible, low loss Times LMR-UF cables. These 50 ohm assemblies are available in multiple configurations in an extensive range of standard lengths from 12 inches to 30 meters and are suitable for a number of applications including test and measurements and industrial connectivity.

BNC cable assemblies utilize high-quality connectors which feature the familiar bayonet coupling mechanism for easy mating and un-mating. These connectors are manufactured from machined brass and diecast zinc with nickel plating and offer reliable electrical performance up to 3 GHz. LMR low loss coaxial cable is designed with improved shielding compared to standard RF coaxial cables which allows it to achieve low attenuation loss at high frequencies.

### Features and Benefits

- Bayonet coupling mechanism provides quick mating and un-mating
- Various cable types for frequency and flexibility options
- Low loss performance over long distances
- Standard lengths from 12 inches to 30 meters

### Applications

- Industrial environments
- Long distance connectivity
- Antenna connections
- Wireless communications
- Radar and GPS systems

### 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 Flexible Coax Cables

Part Number	Description
095-850-277XXXX	BNC Straight Plug to BNC Straight Plug LMR-195 UF
095-850-278XXXX	BNC Straight Plug to BNC Straight Plug LMR-240 UF
095-850-279XXXX	BNC Straight Plug to BNC Straight Plug LMR-400 UF

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

#### Standard Lengths Available

Length Code	Length in Inches (Millimeters)
-012	12.00 in (304.80 mm)
-018	18.00 in (457.20 mm)
-024	24.00 in (610 mm)
-036	36.00 in (914.40 mm)
-048	48.00 in (1219.20 mm)
-060	60.00 in (1524 mm)
-072	72.00 in (1828.8 mm)
-M025	9.84 in (250 mm)
-M050	19.69 in (500 mm)
-M075	29.53 in (750 mm)
-M100	39.37 in (1000 mm)
-M125	49.21 in (1250 mm)
-M150	59.06 in (1500 mm)
-M200	78.74 in (2000 mm)
-M300	118.11 in (3000 mm)

# Amphenol® RF

## Technical Specifications

### Electrical

Impedance	50 $\Omega$
Frequency Range	DC - 3 GHz

### Mechanical

Mating Cycles	500 Cycles Min.
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### Environmental

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

### Materials

Body	Brass, Nickel Plated
Female Contact	Beryllium Copper, Gold Plated
Male Contact	Brass or Beryllium Copper, Gold Plated
Insulator	PTFE

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

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