



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
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 Ω
Frequency Range	DC - 3 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	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.

Amphenol RF
Four Old Newtown Road
Danbury, CT 06810

For more information visit www.amphenolrf.com
or call 800.627.7100