

LMR-400-75

75 Ohm Flexible Low Loss Coaxial Cable



- Perfect for broadband video and specialized 75 Ohm applications
- Flexible, non-kinking design provides easier installation
- Easy-attachment "EZ" non-solder Type F connectors available

Cable Part Description

Part Number	Designation	Jacket	Stock Code
AA-8144	LMR-400-75	Polyethylene	54147

Connector Part Description

Type Number	Designation	Stock Code
EZ-400-FM-75	F-Male (plug) crimp connector, non-solder pin, knurled coupling nut	3190-952

Mechanical Specifications

Minimum Bend Radius	1.0 inches	25.4 mm
Weight	0.09 lbs/ft	0.137 kG/m

Construction Specifications

Part Designation	Material	Inches	mm
Inner Conductor	Solid Bare Copper	0.065	1.65 mm
Dielectric	Gas-Injected Foam Polyethylene	0.285	7.24 mm
Outer Conductor	Aluminum-Polyester-Aluminum Tape	0.291	7.39 mm
Overall Braid	Tinned Copper	0.320	8.13 mm
Jacket	Extruded Black Polyethylene	0.405	10.3 mm

Environmental Specifications

	°F	°C
Operating Temperature Range	-40/+185	-40/+85

Electrical Specifications

Characteristic	English Units	Metric Units
Impedance	75 +/- 2 Ohms	75 +/- 2 Ohms
Capacitance	15.9 pF/ft	52.2 pF/m
Velocity of Propagation	85 %	85 %
Attenuation @ 30 MHz	0.6 dB/100 feet	2.0 dB/100 meters
50 MHz	0.8 dB/100 feet	2.6 dB/100 meters
150 MHz	1.5 dB/100 feet	4.9 dB/100 meters
220 MHz	1.8 dB/100 feet	5.9 dB/100 meters
450 MHz	2.6 dB/100 feet	8.5 dB/100 meters
900 MHz	3.7 dB/100 feet	12.1 dB/100 meters
1500 MHz	4.9 dB/100 feet	16.0 dB/100 meters
2000 MHz	5.7 dB/100 feet	18.7 dB/100 meters
2500 MHz	6.5 dB/100 feet	21.3 dB/100 meters