

LMR[®]-240-FR

FLEXIBLE LOW LOSS CABLE ASSEMBLIES

Times LMR cable assemblies are high performance broadband, flexible, low-loss RF coaxial cables that can be used virtually anywhere, either indoors or outdoors. As a completely Times manufactured solution, performance and reliability are assured.

FEATURES

- Low smoke fire retardant
- Excellent RF Shielding, better than 90 dB
- UV and weather resistant
- Flexible and easy to use

Mechanical Properties

	Units	
Diameter	in (mm)	0.240 (6.096)
Weight	lb/ft (kg/m)	0.034 (0.05)
Minimum Bend Radius	in(mm)	0.75 (19.05)
Operating Temperature	°F (°C)	-40° to 185°(-40 to 85)
Tensile Strength	lb (kg)	80 (36.3)
Bending Moment	ft lb (N-m)	0.25 (0.34)
Flat Plate Crush	lb/in (kg/mm)	20 (0.36)
Storage Temp	°F (°C)	-94 to 185 (-70 to 85)

Electrical Properties

	Units	
Impedance	Ω	50 +/- 2
Maximum Frequency	GHz	8.0
Capacitance	pF/ft (pF/m)	24.2 (79.4)
Velocity of Propagation		83%
Delay	ns/ft (ns/m)	1.21 (3.97)
Shielding		>90dB minimum
Voltage Withstand	Volts DC	1500
Jacket Spark	Volts RMS	5000
Attenuation	dB/ft	dB/m
900 MHz	0.07	(0.23)
2.5 GHz	0.12	(0.39)
5.8 GHz	0.20	(0.66)



KEY APPLICATIONS

- Antenna feeder runs
- Inter/intra cabinet jumpers
- Internal component equipment wiring
- GPS system wiring



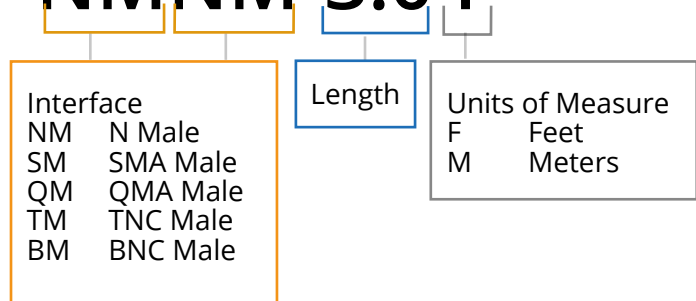
- | | | | | |
|------------------------|-------------------|------------------------|----------------------|---------------|
| 1 | 2 | 3 | 4 | 5 |
| 1 | 2 | 3 | 4 | 5 |
| Inner Conductor | Dielectric | Outer Conductor | Overall Braid | Jacket |
| Solid BC | Foam PE | Aluminum Tape | Tinned Copper | FR-PE |

LMR[®]-240-FR

FLEXIBLE LOW LOSS CABLE ASSEMBLIES

Ordering Guide

LFR240- NMNM-3.0 F



Heritage—in the air and on the ground, thousands of assemblies built over decades



Global manufacturing capability: US, Mexico, India & China



Assembled and tested LMR assemblies provide assured performance

WORLD HEADQUARTERS

358 Hall Avenue, Wallingford, CT 06492
1-800-867-2629

TT **TIMES**
MICROWAVE SYSTEMS
AN AMPHENOL COMPANY