



## LMR<sup>®</sup>-400-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)	0.405 (10.287)
Weight	lb/ft (kg/m)	0.068 (0.10)
Minimum Bend Radius	in(mm)	1.00 (25.4)
Operating Temperature	°F (°C)	-40° to 185°(-40 to 85)
Tensile Strength	lb (kg)	160 (72.6)
Bending Moment	ft lb (N-m)	0.5 (0.68)
Flat Plate Crush	lb/in (kg/mm)	40 (0.71)
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)	23.9 (78.4)
Velocity of Propagation		84%
Delay	ns/ft (ns/m)	1.20 (3.94)
Shielding		>90dB minimum
Voltage Withstand	Volts DC	2500
Jacket Spark	Volts RMS	8000
<b>Attenuation</b>	<b>dB/ft</b>	<b>dB/m</b>
900 MHz	0.04	(0.13)
2.5 GHz	0.07	(0.23)
5.8 GHz	0.11	(0.36)

### KEY APPLICATIONS

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



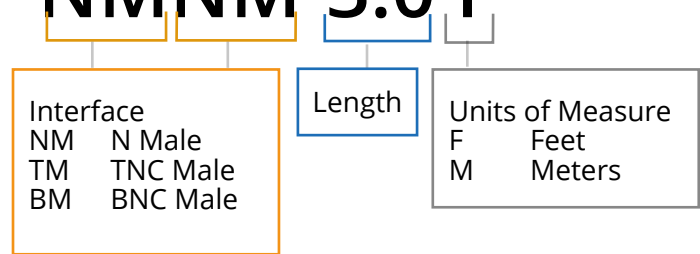
- 1 Inner Conductor: Solid CCA
- 2 Dielectric: Foam PE
- 3 Outer Conductor: Aluminum Tape
- 4 Overall Braid: Tinned Copper
- 5 Jacket: FR-PE

# LMR<sup>®</sup>-400-FR

FLEXIBLE LOW LOSS CABLE ASSEMBLIES

## Ordering Guide

# LFR400- 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**  
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