

## LMR®-195-UF

### 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.

#### Mechanical Properties

|                       | Units         |                         |
|-----------------------|---------------|-------------------------|
| Diameter              | in (mm)       | 0.195 (4.95)            |
| Weight                | lb/ft (kg/m ) | 0.021 (0.03)            |
| Minimum Bend Radius   | in(mm)        | 0.5 (12.7)              |
| Operating Temperature | °F (°C)       | -40° to 185°(-40 to 85) |
| Tensile Strength      | lb (kg)       | 40 (18.2)               |
| Bending Moment        | ft lb (N-m)   | 0.1 (0.14)              |
| Flat Plate Crush      | lb/in (kg/mm) | 10 (0.18)               |
| Storage Temp          | °F (°C)       | -94 to 185 (-70 to 85)  |

#### Electrical Properties

|                         | Units        |               |
|-------------------------|--------------|---------------|
| Impedance               | Ω            | 50 +/- 2      |
| Maximum Frequency       | GHz          | 6.0           |
| Capacitance             | pF/ft (pF/m) | 25.4 (83.3 )  |
| Velocity of Propagation |              | 74%           |
| Delay                   | ns/ft (ns/m) | 1.27 (4.17)   |
| Shielding               |              | >90dB minimum |
| Voltage Withstand       | Volts DC     | 1000          |
| Jacket Spark            | Volts RMS    | 3000          |
| Attenuation             | dB/ft        | dB/m          |
| 900 MHz                 | 0.13         | (0.43)        |
| 2.5 GHz                 | 0.23         | (0.74)        |
| 5.8 GHz                 | 0.35         | (1.17)        |



#### FEATURES

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

#### KEY APPLICATIONS

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



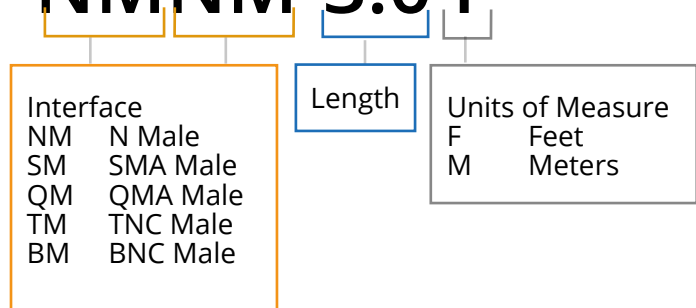
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|--------------------------|---------------|
| <b>1 Inner Conductor</b> | Stranded BC   |
| <b>2 Dielectric</b>      | Foam PE       |
| <b>3 Outer Conductor</b> | Aluminum Tape |
| <b>4 Overall Braid</b>   | Tinned Copper |
| <b>5 Jacket</b>          | TPR           |

# LMR<sup>®</sup>-195-UF

FLEXIBLE LOW LOSS CABLE ASSEMBLIES

## Ordering Guide

# LUF195- 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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