



## FEATURES

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

## LMR®-195 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)	0.2 (0.27)
Flat Plate Crush	lb/in (kg/mm)	15 (0.27)
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)	25.4 (83.3 )
Velocity of Propagation		80%
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	0.11	(0.36)
2.5 GHz	0.19	(0.62)
5.8 GHz	0.3	(0.98)

### KEY APPLICATIONS

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



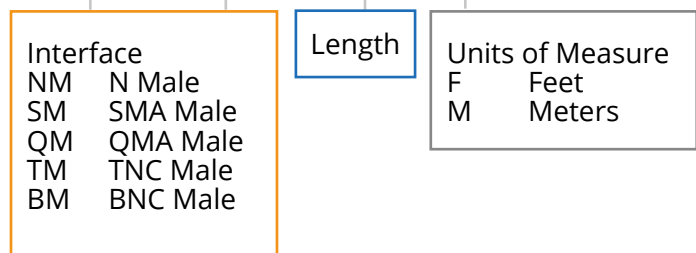
- |                        |                   |                        |                      |               |
|------------------------|-------------------|------------------------|----------------------|---------------|
| 1                      | 2                 | 3                      | 4   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

# LMR<sup>®</sup>-195

FLEXIBLE LOW LOSS CABLE ASSEMBLIES

## Ordering Guide

# LMR195- 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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**TT** **TIMES**  
MICROWAVE SYSTEMS  
AN AMPHENOL COMPANY