

Product Specifications

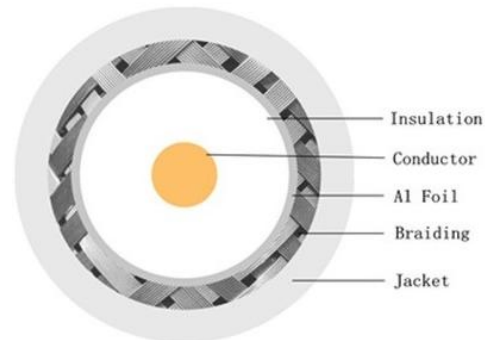


LMR195 COAXIAL CABLE



Standard

- GY/T 135—1998
- GB/T14864
- ROHS 2011/65/EU



Application

- RF signal transmission
- MATV, CATV, CCTV
- Digital video applications
- Drop in broadcast
- Satellite systems

Specification

- | | | |
|-------------------|--------------|--------------------------------|
| ■ Inner Conductor | BC/CCS | $\Phi 0.94 \pm 0.01 \text{mm}$ |
| ■ Insulation | Foam PE | $\Phi 2.79 \pm 0.05 \text{mm}$ |
| ■ Aluminum Mylar | Al Foil | |
| ■ Braiding | 50%-95%AL/BC | |
| ■ Jelly | Yes/No | |
| ■ Outer Sheath | PVC | $\Phi 4.95 \pm 0.05 \text{mm}$ |

Electrical Performance (20 °C)

- | | |
|---|--------------------------------|
| ■ Impedance: $50 \pm 3 \text{ Ohm}$ | ■ Sparker Test: 3000VAC |
| ■ Capacitance: $83.3 \pm 3 \text{pF/m}$ | ■ Velocity Of Propagation: 80% |
| ■ Return Loss: 20dB min (5-2300MHz) | |



Product Specifications

Electrical Characteristics (20 °C)

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
Maximum (dB/100ft)	2.0	2.5	4.4	5.4	7.8	11.1	14.5	16.0	16.9	19.0	29.9
Maximum (dB/100m)	6.5	8.4	14.6	17.7	25.5	36.5	47.7	52.5	55.4	62.4	98.1

Thermal Characteristics

- For fixed installation: -20°C up to +60°C
- For mobile installation: 0°C up to +50°C