

Product Specifications

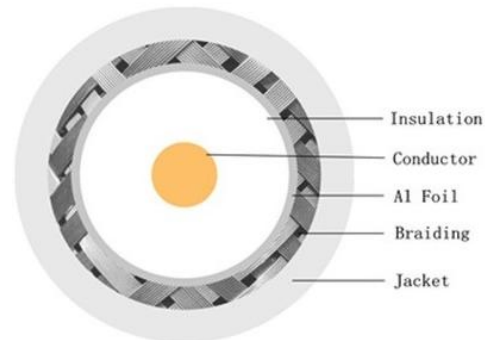


LMR300 COAXIAL CABLE



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 | $\Phi 1.78 \pm 0.01 \text{mm}$ |
| ■ Insulation | Foam PE | $\Phi 4.83 \pm 0.05 \text{mm}$ |
| ■ Aluminum Mylar | Al Foil | |
| ■ Braiding | 50%-95%AL/BC/TC | |
| ■ Jelly | Yes/No | |
| ■ Outer Sheath | PVC | $\Phi 7.62 \pm 0.05 \text{mm}$ |

Electrical Performance (20 °C)

- | | |
|---|--------------------------------|
| ■ Impedance: $50 \pm 3 \text{ Ohm}$ | ■ Sparker Test: 4000VAC |
| ■ Capacitance: $78.4 \pm 3 \text{pF/m}$ | ■ Velocity Of Propagation: 85% |
| ■ 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)	1.1	1.4	2.4	2.9	4.2	6.1	7.9	8.7	9.2	10.4	16.5
Maximum (dB/100m)	3.5	4.5	7.9	9.6	13.8	19.9	26.0	28.7	30.3	34.2	54.2

Thermal Characteristics

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