

Product Specifications

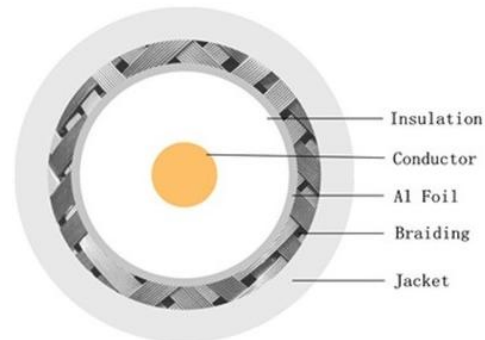


LMR400 COAXIAL CABLE



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 | $\Phi 2.74 \pm 0.01 \text{mm}$ |
| ■ Insulation | PE | $\Phi 7.24 \pm 0.05 \text{mm}$ |
| ■ Aluminum Mylar | Al Foil | |
| ■ Braiding | 50%-95%AL/BC | |
| ■ Jelly | Yes/No | |
| ■ Outer Sheath | PVC/PE | $\Phi 10.29 \pm 0.05 \text{mm}$ |

Electrical Performance (20 °C)

- | | |
|--|--------------------------------|
| ■ Impedance: $50 \pm 3 \text{ Ohm}$ | ■ Sparker Test: 4000VAC |
| ■ Capacitance: $52 \pm 3 \text{ pF/m}$ | ■ Velocity Of Propagation: 85% |
| ■ Return Loss: 20dB min (5-2300MHz) | |



Product Specifications

Electrical Characteristics (20 °C)

Frequency (MHz)	5	55	187	400	500	750	865	1000	1500	2200	3000
Maximum (dB/100ft)	0.38	0.96	1.75	2.6	2.9	3.65	3.98	4.35	5.10	6.3	7.6
Maximum (dB/100m)	1.25	3.15	5.74	8.53	9.51	11.97	13.05	14.27	16.8	20.7	24.9

Thermal Characteristics

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