

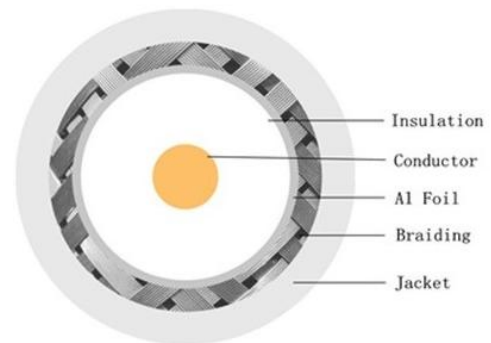
Product Specifications

RG7 COAXIAL CABLE



Standard

- GY/T 135—1998
- GB/T1486
- ROHS 2011/65/EU



Application

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

Specification

- | | | |
|-------------------|--------------|--------------|
| ■ Inner Conductor | BC/CCS | Φ1.29±0.01mm |
| ■ Insulation | PE | Φ5.72±0.05mm |
| ■ Aluminum Mylar | Al Foil | |
| ■ Braiding | 50%-95%AL/BC | |
| ■ Jelly | Yes/No | |
| ■ Outer Sheath | PVC/PE | Φ8.1±0.05mm |

Electrical Performance (20 °C)

- | | |
|-------------------------------------|--------------------------------|
| ■ Impedance: 75±3 Ohm | ■ Sparker Test: 4000VAC |
| ■ Capacitance: 50±3pF/m | ■ Velocity Of Propagation: 85% |
| ■ Return Loss: 20dB min (5-2300MHz) | |



Product Specifications

Electrical Characteristics (20 °C)

Frequency (MHz)	5	55	250	300	450	600	750	865	1000	1200	1450	1750
Maximum (dB/100ft)	0.47	1.25	2.56	2.82	3.46	4.05	4.57	4.93	5.32	5.87	6.45	7.05
Maximum (dB/100m)	1.54	4.1	8.4	9.25	11.35	13.28	14.99	16.17	17.45	19.23	21.13	23.1

Thermal Characteristics

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