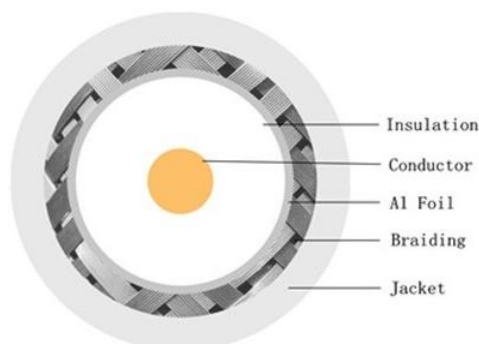


RG59 WITH POWER CABLE



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 | $\Phi 0.81 \pm 0.01 \text{mm}$ |
| ■ Insulation | PE | $\Phi 3.7 \pm 0.05 \text{mm}$ |
| ■ Aluminum Mylar | Al Foil | |
| ■ Braiding | 50%-95%AL/BC | |
| ■ Jelly | Yes/No | |
| ■ Outer Sheath | PVC/PE | $\Phi 6.1 \pm 0.05 \text{mm}$ |

Electrical Performance (20 °C)

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

Product Specifications

Electrical Characteristics (20 °C)

Frequency (MHz)	5	55	187	300	450	750	865	1000	1200	1450	1800	2200
Maximum (dB/100ft)	0.86	2.05	3.6	4.45	5.4	6.97	7.52	8.12	8.97	9.88	11.8	13.05
Maximum (dB/100m)	2.82	6.73	11.8	14.6	17.7	20.3	22.87	26.5	29.4	32.4	38.7	42.78

Thermal Characteristics

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