

# Product Specifications

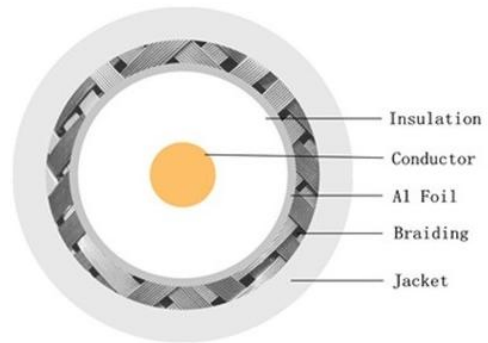


## RG58/U COAXIAL CABLE



### 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/SCCS      | $\Phi 0.81 \pm 0.01 \text{mm}$ |
| ■ Insulation      | PE           | $\Phi 3.0 \pm 0.05 \text{mm}$  |
| ■ Aluminum Mylar  | Al Foil      |                                |
| ■ Braiding        | 50%-95%AL/BC |                                |
| ■ Jelly           | Yes/No       |                                |
| ■ Outer Sheath    | PVC/PE       | $\Phi 5.0 \pm 0.05 \text{mm}$  |

### Electrical Performance (20 °C)

- |                                       |                                |
|---------------------------------------|--------------------------------|
| ■ Impedance: $50 \pm 3 \text{ Ohm}$   | ■ Sparker Test: 3000VAC        |
| ■ Capacitance: $66 \pm 3 \text{pF/m}$ | ■ Velocity Of Propagation: 83% |
| ■ Return Loss: 20dB min (5-2300MHz)   |                                |



# Product Specifications

## Electrical Characteristics (20 °C)

Frequency (MHz)	5	50	150	220	450	900	1500	1800	2000	2500	5800
Maximum (dB/100ft)	1.9	2.46	4.3	5.2	4.1	10.7	13.4	15.3	16.1	18.1	28.3
Maximum (dB/100m)	6.3	8.1	14.1	17.1	13.6	35	45.6	50.1	53	59.5	93.1

## Thermal Characteristics

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