

# Product Specifications

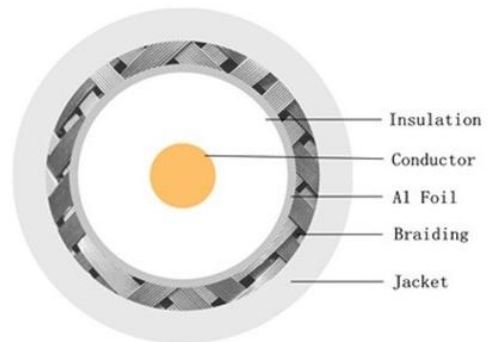


## RG8 COAXIAL CABLE



### 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      | $\Phi 2.75 \pm 0.01 \text{mm}$ |
| ■ Insulation      | PE           | $\Phi 3.0 \pm 0.05 \text{mm}$  |
| ■ Aluminum Mylar  | B.Al Foil    |                                |
| ■ Braiding        | 50%-95%AL/BC |                                |
| ■ Jelly           | Yes/No       |                                |
| ■ Outer Sheath    | PVC/PE       | $\Phi 10.3 \pm 0.05 \text{mm}$ |

### Electrical Performance (20 °C)

- |                                       |                                |
|---------------------------------------|--------------------------------|
| ■ Impedance: $75 \pm 3 \text{ Ohm}$   | ■ Sparker Test: 3000VAC        |
| ■ Capacitance: $81 \pm 3 \text{pF/m}$ | ■ Velocity Of Propagation: 85% |
| ■ Return Loss: 20dB min (5-2300MHz)   |                                |



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## Electrical Characteristics (20 °C)

Frequency (MHz)	5	50	100	200	400	700	900	1000	1500	1800	2000	3000
Maximum (dB/100ft)	0.4	1.0	1.4	1.8	2.6	3.6	4.1	4.4	5.5	6.1	6.5	8.3
Maximum (dB/100m)	1.31	3.28	4.59	5.9	8.52	11.8	13.44	14.43	18.03	20	21.31	27.21

## Thermal Characteristics

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