

# Product Specifications

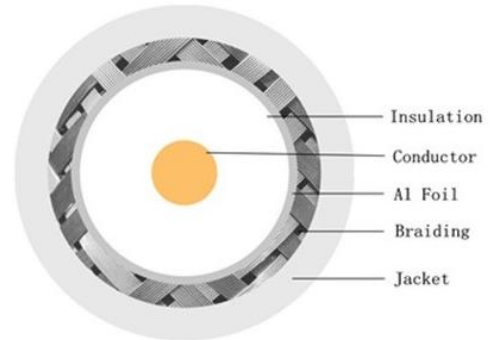


## CT100 COAXIAL CABLE



### 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       | $\Phi 1.0 \pm 0.01 \text{mm}$ |
| ■ Insulation      | PE           | $\Phi 4.6 \pm 0.05 \text{mm}$ |
| ■ Aluminum Mylar  | Al Foil      |                               |
| ■ Braiding        | 50%-95%AL/BC |                               |
| ■ Jelly           | Yes/No       |                               |
| ■ Outer Sheath    | PVC/PE       | $\Phi 6.8 \pm 0.05 \text{mm}$ |

### Electrical Performance (20 °C)

- |  |                                |
|--|--------------------------------|
| ■ Impedance: $75 \pm 3 \text{ Ohm}$    | ■ Sparker Test: 4000VAC        |
| ■ Capacitance: $54 \pm 3 \text{ pF/m}$ | ■ Velocity Of Propagation: 85% |
| ■ Return Loss: 20dB min (5-2300MHz)    |                                |



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## *Electrical Characteristics (20 °C)*

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Frequency (MHz)	5	50	100	200	400	700	900	1000	1450	1800	2250	3000
Maximum (dB/100ft)	0.58	1.5	2	2.8	4.1	5.6	6.2	6.5	8	8.5	10	11.4
Maximum (dB/100m)	1.9	4.9	6.5	9.2	13.6	18.4	20.3	21.4	26.2	27.9	34	37.5

## *Thermal Characteristics*

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