

# Product Specifications

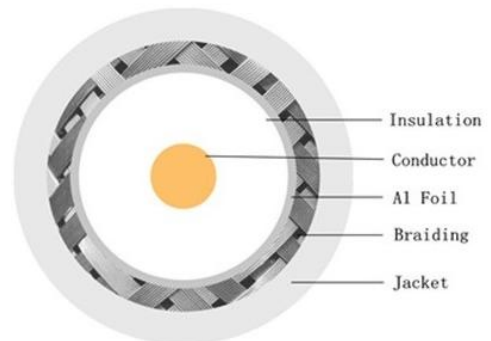


## 19VATC COAXIAL CABLE



### 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       | $\Phi 1.02 \pm 0.01 \text{mm}$ |
| ■ Insulation      | PE           | $\Phi 4.7 \pm 0.05 \text{mm}$  |
| ■ Aluminum Mylar  | Al Foil      |                                |
| ■ Braiding        | 50%-95%AL/BC |                                |
| ■ Jelly           | Yes/No       |                                |
| ■ Outer Sheath    | PVC/PE       | $\Phi 6.7 \pm 0.05 \text{mm}$  |

### Electrical Performance (20 °C)

- |  |                                |
|--|--------------------------------|
| ■ Impedance: $75 \pm 3 \text{ Ohm}$    | ■ Sparker Test: 4000VAC        |
| ■ Capacitance: $52 \pm 3 \text{ pF/m}$ | ■ 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  | 800 | 950  | 1000 | 1350 | 1750 | 2150  |
| Maximum (dB/100ft) | 0.43 | 1.37 | 1.92 | 2.75 | 3.97 | 5.8 | 6.38 | 6.56 | 7.78 | 9.03 | 10.19 |
| Maximum (dB/100m)  | 1.4  | 4.5  | 6.3  | 9    | 13   | 19  | 20   | 21.5 | 25.5 | 29.6 | 33.4  |

## Thermal Characteristics

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

# *Product Specifications*

