



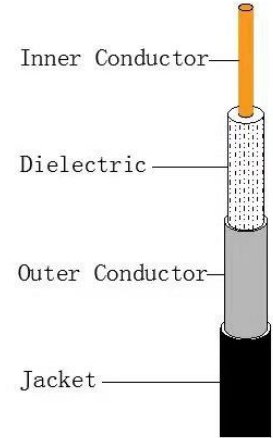
浙江万马天屹通信线缆有限公司

Zhejiang Wanma Tianyi Communication Wire & Cable Co., Ltd.

## Trunk Series—500 Seamless Trunk Cable

### Description

|                 | Material               | Diameter (mm)    |
|-----------------|------------------------|------------------|
| Inner Conductor | Copper Clad Aluminum   | $2.77 \pm 0.03$  |
| Dielectric      | Foamed PE              | $11.48 \pm 0.10$ |
| Outer Conductor | Seamless Aluminum Tube | $12.75 \pm 0.10$ |
| Jacket          | Black PE               | $14.22 \pm 0.20$ |
| Packaging       | 1000m/Wooden reel      | D950×d420×H520   |



### Characteristics

|               |                 |
|---------------|-----------------|
| Capacitance   | $50 \pm 3$ pF/m |
| Impedance     | $75 \pm 2$ ohms |
| SRL 5-1000MHz | $\leq -23$ dB   |

|                       |               |
|-----------------------|---------------|
| Velocity              | 87% Min       |
| DC Loop Resistance    | 5.87 ohm/km   |
| Operating Temperature | -40°C ~ +70°C |

### Attenuation @ 20°C

| MHz | dB/100ft | dB/100m. |
|-----|----------|----------|
| 5   | 0.16     | 0.52     |
| 55  | 0.55     | 1.80     |
| 211 | 1.09     | 3.58     |
| 250 | 1.20     | 3.94     |
| 270 | 1.24     | 4.06     |
| 300 | 1.31     | 4.30     |
| 330 | 1.38     | 4.53     |
| 350 | 1.43     | 4.69     |

| MHz  | dB/100ft | dB/100m. |
|------|----------|----------|
| 400  | 1.53     | 5.02     |
| 450  | 1.63     | 5.35     |
| 500  | 1.73     | 5.67     |
| 550  | 1.82     | 5.97     |
| 600  | 1.92     | 6.30     |
| 750  | 2.17     | 7.12     |
| 870  | 2.35     | 7.69     |
| 1002 | 2.54     | 8.32     |

