



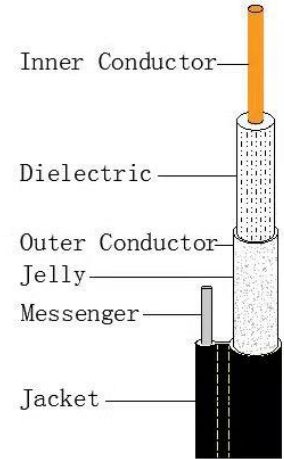
浙江万马天屹通信线缆有限公司

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

Trunk Series—500 Seamless Trunk Cable with Messenger, Jelly

Description

| | Material | Diameter (mm) |
|-----------------|------------------------|------------------|
| Inner Conductor | Copper Clad Aluminum | 2.77 ± 0.03 |
| Dielectric | Foamed PE | 11.48 ± 0.10 |
| Outer Conductor | Seamless Aluminum Tube | 12.75 ± 0.10 |
| Messenger | Galvanized Steel | 2.77 ± 0.05 |
| Jacket | Black PE with Jelly | 14.48 ± 0.20 |
| Packaging | 1000m/Wooden reel | D1050×d420×H520 |



Characteristics

| | |
|---------------|-----------------|
| Capacitance | 50 ± 3 pF/m |
| Impedance | 75 ± 2 ohms |
| SRL 5-1000MHz | ≤ -23 dB |

| | |
|-----------------------|--|
| Velocity | 87% Min |
| DC Loop Resistance | 5.87 ohm/km |
| Operating Temperature | $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ |

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 |

