



TIANYI CABLE

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RG6 TRI-M

75 Ohm Coaxial Cable



Physical specifications

| Item | Material | Diameter |
|-----------------|---------------------|----------|
| Inner Conductor | CCS/CU | 1.02mm |
| Dielectric | Foamed Polyethylene | 4.57mm |
| First Shield | Aluminum Foil | 4.75mm |
| Second Shield | Aluminum Braid | 5.38mm |
| Third Shield | Aluminum Foil | 5.49mm |
| Jacket | PVC | 7.06mm |
| Messenger | Steel | 1.30mm |

Electrical specifications

| | | |
|---------------------------------|-------|------|
| Impedance | 75±3Ω | |
| Nominal Velocity of propagation | 85% | |
| structural return loss | VHF | 22dB |
| | UHF | 20dB |

Mechanical Specifications

| | |
|--------------------------------|------|
| Breaking Strength of Messenger | 823N |
|--------------------------------|------|

Package

Carton Nominal packaging 4×100m/carton.

According to customers' requirements

Wooden Reel Nominal packaging 1000ft/reel.

According to customers' requirements



Attenuation @ 68°F (20°C)

| | |
|---------|--------------|
| 5MHz | 2.50dB/100m |
| 55MHz | 5.25dB/100m |
| 83MHz | 6.40dB/100m |
| 187MHz | 9.35dB/100m |
| 211MHz | 10.00dB/100m |
| 250MHz | 10.82dB/100m |
| 300MHz | 11.64dB/100m |
| 350MHz | 12.63dB/100m |
| 400MHz | 13.61dB/100m |
| 450MHz | 14.43dB/100m |
| 500MHz | 15.29dB/100m |
| 550MHz | 16.08dB/100m |
| 600MHz | 16.73dB/100m |
| 750MHz | 18.54dB/100m |
| 865MHz | 20.01dB/100m |
| 1000MHz | 21.49dB/100m |