



TIANYI CABLE

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RG59 TRIM

75 Ohm Coaxial Cable



Physical specifications

| Item | Material | Diameter |
|-----------------|---------------------|----------|
| Inner Conductor | CCS/CU | 0.81mm |
| Dielectric | Foamed Polyethylene | 3.66mm |
| First Shield | Aluminum Foil | 3.84mm |
| Second Shield | Aluminum Braid | 4.47mm |
| Third Shield | Aluminum Foil | 4.57mm |
| Jacket | PVC | 6.10mm |
| Messenger | Steel | 1.13mm |

Electrical specifications

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

Mechanical specifications

| | |
|--------------------------------|------|
| Breaking Strength of Messenger | 712N |
|--------------------------------|------|

Package

Carton Nominal packaging 6×100m or 3×200m /carton. According to customers' requirements

Wooden Reel Nominal packaging 1000ft/reel. According to customers' requirements



Attenuation @ 68°F (20°C)

| | |
|---------|--------------|
| 5MHz | 2.91dB/100m |
| 55MHz | 6.73dB/100m |
| 83MHz | 8.04dB/100m |
| 187MHz | 11.81dB/100m |
| 211MHz | 12.47dB/100m |
| 250MHz | 13.45dB/100m |
| 300MHz | 14.60dB/100m |
| 350MHz | 15.75dB/100m |
| 400MHz | 16.73dB/100m |
| 450MHz | 17.72dB/100m |
| 500MHz | 18.70dB/100m |
| 550MHz | 19.52dB/100m |
| 600MHz | 20.34dB/100m |
| 750MHz | 22.87dB/100m |
| 865MHz | 24.67dB/100m |
| 1000MHz | 26.64dB/100m |