



RG-6/U Type CATV/MATV Coax

Description:

- Solid Bare Copper Conductor
- Gas Injected Polyethylene Insulation
- Dual Shield, BiFoil* with Aluminum Braid
- PVC Jacket
- Standard Spool Size 1000ft

Rating as per NEC:

- UL Listed NEC Type CATVX

Applications:

Indoor (non-conduit per NEC) for:

- CATV
- MATV

Jacket Color: Black



Construction

| | |
|-------------------------------|---------------------------|
| AWG Size | 18 |
| Stranding | Solid Bare Copper |
| Insulation | Gas Injected Polyethylene |
| Insulation Nom. O.D. | .180 (4.57mm) |
| 1st Shield Type % Coverage | BiFoil* 100% |
| 2nd Shield Type % Coverage | Aluminum Braid 45% |
| Jacket Type | PVC |
| Nom. O.D. | .285(7.24mm) |

Electrical Characteristics

(Calculated Quantities)

| | |
|--|-------------------|
| Nominal Capacitance Conductor to Shield | 16.2 pf per foot |
| | 53.1 pf per meter |
| Vel. of Prop. | 82% |
| Nom. Imp. | 75Ω |

Coaxial Cable Loss Factors

Nominal Attenuation

| Mhz | db/100 ft | db/100 m |
|------|-----------|----------|
| 5 | .57 | 1.87 |
| 55 | 1.45 | 4.76 |
| 100 | 1.85 | 6.07 |
| 400 | 3.85 | 12.63 |
| 750 | 5.40 | 17.71 |
| 1000 | 6.30 | 20.66 |
| 2000 | 9.15 | 30.01 |
| 3000 | 11.93 | 39.13 |

Suggested Connectors

| Connector Type | Connector Part Number | Crimp Tool | Stripping Tool |
|----------------|-----------------------|------------|----------------|
| "F" | CN-F56ALM | TL-111 | TL-120 |

*BiFoil is an aluminum polyester aluminum tape.

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