

F1177TSV

75 Ohm Coaxial Cable

Drop Cable Class A

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PRODUCT DESCRIPTION:

BONDED FOIL, 77% BRAID, NON-BONDED TAPE, PVC JACKET

CENTER CONDUCTOR:

14 AWG COPPER-CLAD STEEL
 NOMINAL DIAMETER: 0.064" (1.63 mm)

DIELECTRIC:

GAS EXPANDED POLYETHYLENE
 NOMINAL DIAMETER OVER DIELECTRIC: 0.280" (7.11 mm)

SHIELD:

1ST SHIELD: ALUMUNUM-POLYPROPYLENE-ALUMINUM
 LAMINATED TAPE WITH OVERLAP BONDED TO THE DIELECTRIC
 NOMINAL DIAMETER OVER TAPE: 0.287" (7.29 mm)
2ND SHIELD: 34 AWG ALUMINUM BRAID WIRE
 77% COVERAGE
3RD SHIELD: NON-BONDED FOIL SHIELD

JACKET:

PVC JACKET
 NOMINAL DIAMETER OVER JACKET: 0.400" (10.16 mm)
 NOMINAL JACKET THICKNESS: 0.039" (0.99 mm)

Center Conductor

Dielectric

Bonded Aluminum
 Foil Shield

Aluminum Braided Shield

Additional Aluminum
 Foil Shield

PVC Jacket



ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms
 VELOCITY OF PROPAGATION: 85.0% NOMINAL
 ATTENUATION: @ 68°F (20°C)

Shipping Weight (Lbs.)/1000': 69 lbs.

| @ Frequency MHz | dB/100 ft. (MAX.) | dB/100 meters (MAX.) |
|-----------------|-------------------|----------------------|
| 5 MHz | 0.38 dB | 1.25 dB |
| 55 MHz | 0.96 dB | 3.15 dB |
| 83 MHz | 1.18 dB | 3.87 dB |
| 187 MHz | 1.75 dB | 5.74 dB |
| 211 MHz | 1.90 dB | 6.23 dB |
| 250 MHz | 2.05 dB | 6.72 dB |
| 300 MHz | 2.25 dB | 7.38 dB |
| 350 MHz | 2.42 dB | 7.94 dB |
| 400 MHz | 2.60 dB | 8.53 dB |
| 450 MHz | 2.75 dB | 9.02 dB |
| 500 MHz | 2.90 dB | 9.51 dB |
| 550 MHz | 3.04 dB | 9.97 dB |
| 600 MHz | 3.18 dB | 10.43 dB |
| 750 MHz | 3.65 dB | 11.97 dB |
| 865 MHz | 3.98 dB | 13.05 dB |
| 1000 MHz | 4.35 dB | 14.27 dB |

CommScopes local agent in Greece

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