

F677TSVV

75 Ohm Coaxial Cable

Drop Cable

CATV (ETL)

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PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 77% BRAID, LAMINATED ALUMINUM TAPE, FLAME RETARDANT PVC JACKET
 MEETS NEC ARTICLE 820V RATING (ETL LISTED)

CENTER CONDUCTOR:

18 AWG COPPER-CLAD STEEL
 NOMINAL DIAMETER: 0.040" (1.02 mm)

DIELECTRIC:

GAS EXPANDED POLYETHYLENE
 NOMINAL DIAMETER OVER DIELECTRIC: 0.180" (4.57 mm)

SHIELD: 1ST SHIELD: LAMINATED ALUMINUM TAPE BONDED TO THE DIELECTRIC

NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)

2ND SHIELD: 34 AWG ALUMINUM BRAID WIRE
 77% COVERAGE

3RD SHIELD: LAMINATED ALUMINUM TAPE

JACKET:

FLAME RETARDANT PVC
 NOMINAL DIAMETER OVER JACKET: 0.278" (7.06 mm)
 NOMINAL JACKET THICKNESS: 0.030" (0.76 mm)

Center Conductor

Dielectric

Bonded Laminated Aluminum Tape

Aluminum Braided Shield

Laminated Aluminum Tape (Non-Bonded)

Jacket



ELECTRICAL PROPERTIES:

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

Shipping Weight (Lbs.)/1000': 34 lbs.

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.58 dB	1.90 dB
55 MHz	1.60 dB	5.25 dB
83 MHz	1.95 dB	6.40 dB
187 MHz	2.85 dB	9.35 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 Db
300 MHz	3.55 dB	11.64 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
865 MHz	6.10 dB	20.01 dB
1000 MHz	6.55 dB	21.49 dB



Drawing not to scale.
 Specifications subject to change.
 Revision: 05/15/07