

## 3SF677TSEF 75 Ohm Coaxial Drop Cable CATV Black Flooded for U.G. Application

**PRODUCT DESCRIPTION: P BONDED FOIL, 77% BRAID, NON-BONDED TAPE, FLOODED PE JACKET, MEETS NEC ARTICLE 830 RATING**

**CENTER CONDUCTOR: 18 AWG COPPER-CLAD STEEL**  
**NOMINAL DIAMETER: 0.040" (1.02 mm)**  
**DIELECTRIC: GAS EXPANDED POLYETHYLENE**  
**NOMINAL DIAMETER OF DIELECTRIC: 0.180" (4.57 mm)**

**1ST SHIELD: ALUMINUM-POLYPROPYLENE-ALUMINUM LAMINATED TAPE WITH OVERLAP BONDED TO THE DIELECTRIC -W- 100% COVERAGE**  
**NOMINAL DIAMETER: 0.187" (4.7 mm)**

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

**3RD SHIELD: NON-BONDED ALUMINUM TAPE -W- 100% COVERAGE**

**JACKET: PE (FLOODED FOR UNDERGROUND)**  
**NOMINAL DIAMETER: 0.278" (7.06 mm)**  
**NOMINAL THICKNESS: 0.030" (0.76 mm)**

**ELECTRICAL PROPERTIES:**  
**IMPEDANCE: 75.0 +/- 3.0 Ohms**  
**VEL. OF PROPAGATION: 85.0% NOMINAL**

**ATTENUATION VALUES: @ 68°F (20°C)**

@ Freq. in MHz	dB/100 ft (NOM.)	dB/100 ms (NOM.)
1 MHz	0.26 dB	0.85 dB
10 MHz	0.77 dB	2.50 dB
50 MHz	1.47 dB	4.80 dB
100 MHz	2.06 dB	6.73 dB
200 MHz	2.85 dB	9.30 dB
400 MHz	4.06 dB	13.31 dB
700 MHz	5.60 dB	18.38 dB
900 MHz	6.25 dB	20.48 dB
1000 MHz	6.60 dB	21.65 dB
1200 MHz	7.50 dB	24.60 dB
1450 MHz	8.05 dB	26.40 dB
1800 MHz	8.81 dB	28.90 dB
2200 MHz	9.70 dB	31.81 dB

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