

PRODUCT DESCRIPTION: P BONDED FOIL, 77% BRAID, NON-BONDED TAPE, FLAME RETARDANT PVC 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: FLAME RETARDANT PVC

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	dB/100 ft	dB/100 ms
MHz	(NOM.)	(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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