

# PerfectFlex®

BROADBAND COAXIAL CABLE

75 Ohm Coaxial Cable  
P6ET77VVWLFNR



A BELDEN BRAND

## GENERAL DESCRIPTION

6 Series, Perfect Prep®, Tri-shield, 77% Braid, White PVC Jacket, NEC CATV Rated, Footage Marked, Cardboard Packed Coil

## MECHANICAL SPECIFICATIONS

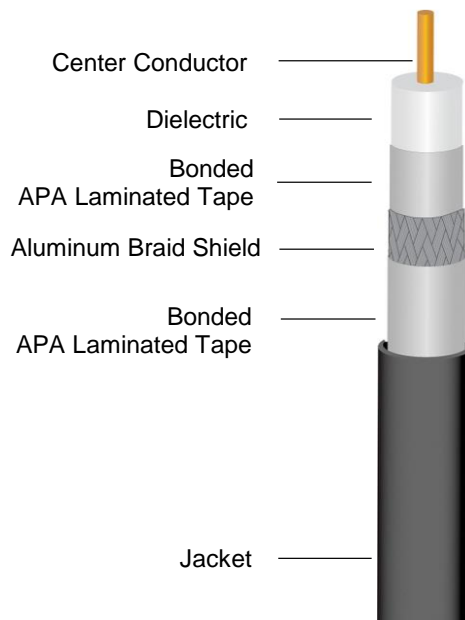
<b>Center Conductor:</b>	Copper-covered steel
<b>Nominal Diameter:</b>	0.040" (1.02 mm)
<b>Dielectric:</b>	Closed cell foamed polyethylene
<b>Nominal Diameter</b>	0.180" (4.57 mm)

## SHIELD

<b>1<sup>st</sup> Shield</b>	APA-laminated tape bonded to dielectric
<b>Nominal Diameter Over Tape:</b>	0.188" (4.78 mm)
<b>2<sup>nd</sup> Shield</b>	34 AWG aluminum braid wire; 77% coverage
<b>3<sup>rd</sup> Shield:</b>	APA-laminated tape bonded to jacket

## JACKET

<b>Jacket:</b>	White PVC
<b>Nominal Diameter Over Jacket:</b>	.278" (7.06 mm)



## PERFORMANCE SPECIFICATIONS

Attenuation (max corrected to 20°C)

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
55	1.55	5.09
211	3.00	9.84
250	3.20	10.50
300	3.50	11.48
350	3.80	12.47
400	4.12	13.52
450	4.37	14.34
500	4.63	15.19
550	4.86	15.94
600	5.08	16.67
750	5.65	18.54
870	6.10	20.01
1000	6.54	21.46
1450	7.89	25.89
2250	9.91	32.51
3000	11.44	37.53

## PERFORMANCE SPECIFICATIONS

<b>NEC Rated:</b>	NEC CATV
<b>Characteristic Impedance:</b>	75 +/- 3 Ohms
<b>Nominal Velocity Propagation:</b>	85%



## PACKAGING SPECIFICATIONS

<b>Cable Length per Reel:</b>	500 ft. (152 m)
<b>Packaging Dimensions:</b>	10.5" x 7" (26.67 x 17.78 cm)
<b>Shipping Weight per Reel:</b>	15 lbs./500 ft.

Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI SCTE 74  
\*Cable image for reference only. Please refer to jacket description for color.

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