

# PerfectFlex®

BROADBAND COAXIAL CABLE

75 Ohm Coaxial Cable  
P6ET77VVWLF



A BELDEN BRAND

## GENERAL DESCRIPTION

6 Series, Perfect Prep®, Tri-shield, 77% Braid, White PVC Jacket, NEC CATV Rated, Footage Marked, Plastic Reel Insert

### MECHANICAL SPECIFICATIONS

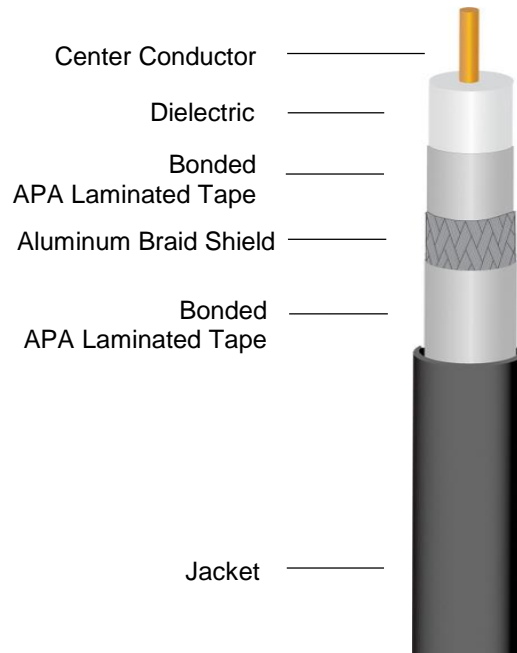
<b>Center Conductor:</b>	Copper-covered steel
<b>Nominal Diameter:</b>	0.040" (1.02 mm)
<b>Dielectric:</b>	Closed cell foamed polyethylene
<b>Nominal Diameter</b>	0.180" (4.57 mm)

### 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, Sunlight Resistant
<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)
5	0.58	1.90
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

### 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 Coil:</b>	500 ft. (152 m)
<b>Packaging Dimensions:</b>	10.5" x 3.5" x 6.9" (26.7 x 8.9 x 17.5 cm)
<b>Shipping Weight per Reel:</b>	17 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.

This product may be protected by one or more patents • For further information, please visit: [www.ppc-online.com/patents](http://www.ppc-online.com/patents)

6176 East Molloy Road | East Syracuse, NY 13057 | 1-800-800-6652 | [ppc@ppc-online.com](mailto:ppc@ppc-online.com) | [www.ppc-online.com](http://www.ppc-online.com)

