

Perfect Flex®

BROADBAND COAXIAL CABLE

75 Ohm Coaxial Cable
P6ET77VVL



A BELDEN BRAND

GENERAL DESCRIPTION

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

MECHANICAL SPECIFICATIONS

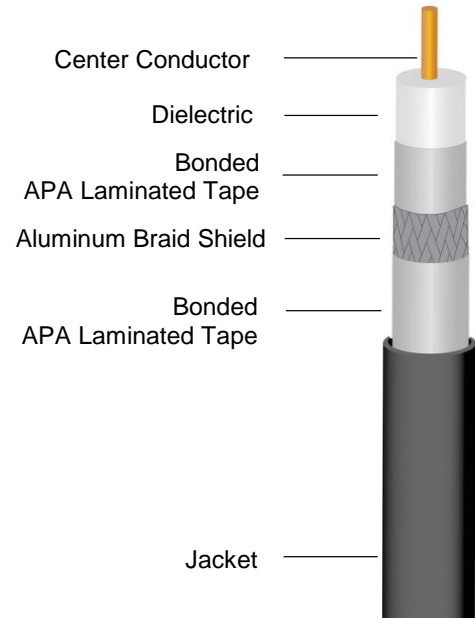
| | |
|--------------------------|---------------------------------|
| Center Conductor: | Copper-covered steel |
| Nominal Diameter: | 0.040" (1.02 mm) |
| Dielectric: | Closed cell foamed polyethylene |
| Nominal Diameter | 0.180" (4.57 mm) |

SHIELD

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

JACKET

| | |
|--------------------------------------|-----------------|
| Jacket: | Black PVC |
| Nominal Diameter Over Jacket: | .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

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



PACKAGING SPECIFICATIONS

| | |
|----------------------------------|---|
| Cable Length per Reel: | 500 ft. (152 m) |
| Packaging Dimensions: | 10.5" x 3.5" x 6.9" (26.7 x 8.9 x 17.5 cm) |
| Shipping Weight per Reel: | 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



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