

PerfectFlex®

BROADBAND COAXIAL CABLE

75 Ohm Coaxial Cable
P6ET77VMPRF



A BELDEN BRAND

GENERAL DESCRIPTION

6 Series, Perfect Prep®, Tri-shield, 77% Braid, Perfect Guard®, Black PVC Jacket, 0.051" Messenger, Footage Marked, Reel Package

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	0.188" (4.78 mm)
Over Tape:	
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)

MESSENGER

Messenger:	Galvanized steel; 0.051" (1.3 mm)
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Center Conductor

Dielectric

Bonded
APA Laminated Tape

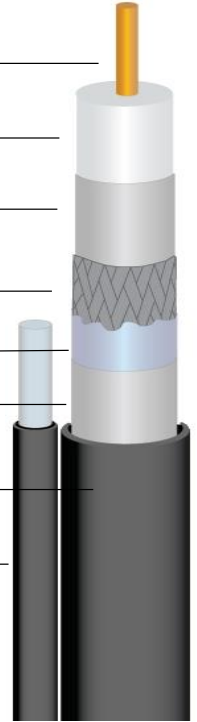
Aluminum Braid Shield

Perfect Guard™

Bonded
APA Laminated Tape

Jacket

Messenger Wire



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:	None
Characteristic Impedance:	75 +/- 3 Ohms
Nominal Velocity Propagation:	85%



PACKAGING SPECIFICATIONS

Cable Length per Reel:	1,000 ft. (305 m)
Packaging Dimensions:	14.5" x 4" x 11" (37 x 10 x 28 cm)
Shipping Weight per Reel:	45 lbs./1,000 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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