75 Ohm Coaxial Cable

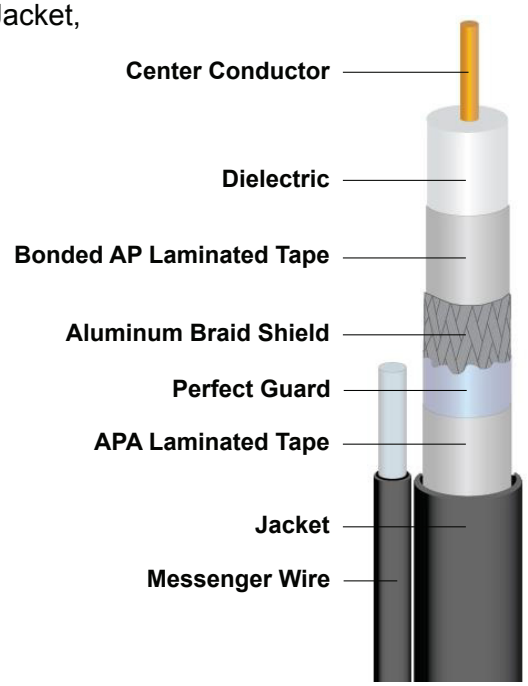
PerfectFlex® BROADBAND COAXIAL CABLE

P6ET77VMPRM

PPC® A BELDEN BRAND

General Description

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



Mechanical Specifications

Specification	Value
Center Conductor	Copper-covered steel
Nominal Diameter	0.040” (1.02 mm)
Dielectric	Closed cell foamed polyethylene
Nominal Diameter Over Dielectric	0.180” (4.57 mm)

Shield Specifications

Specification	Value
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

Jacket Specifications

Specification	Value
Jacket	Black PVC
Nominal Diameter Over Jacket	.278” (7.06 mm)
Messenger	Galvanized steel; 0.051” (1.3 mm)

Performance Specifications

Specification	Value
NEC Rated	None
Characteristic Impedence	75 +/- 3 Ohms
Nominal Velocity Propagation	85%

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (305 m)
Packaging Dimensions	14.5”x4”x11” (37x10x28 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.*

Performance Specifications

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
5	0.56	1.822
55	1.44	4.72
211	2.76	6.30
250	3.00	9.83
300	3.29	10.8
350	3.57	11.71
400	3.84	12.60
450	4.11	13.48
500	4.33	14.21
550	4.57	15.00
600	4.78	15.69
750	5.40	17.7
870	5.85	19.18
1000	6.28	20.60
1200	6.89	22.62
1450	7.57	24.85
1750	8.39	27.52

Attenuation (max corrected to 20°C)

RoHS COMPLIANT

r2_07312024

These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

6176 E. Molloy Rd. East Syracuse, NY 13057
bbs.cs@belden.com
1-800-800-6652 • +1 315-431-7200
www.ppc-online.com