75 Ohm Coaxial Cable

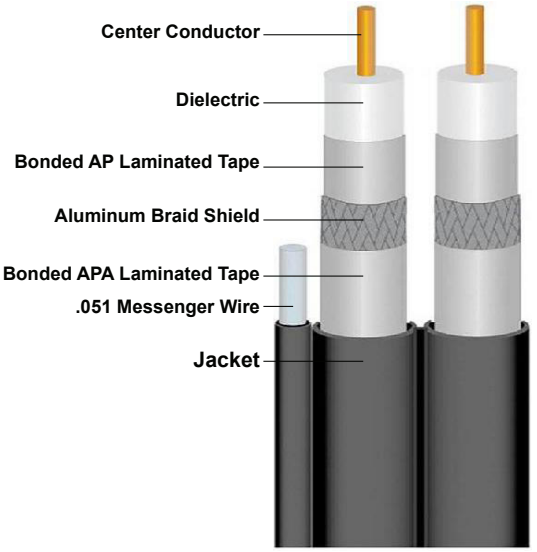
PerfectFlex® BROADBAND COAXIAL CABLE

P6DT77VMRF

PPC® A BELDEN BRAND

General Description

6 Series, Dual, Trishield, 77% Braid, Black PVC Jacket, 0.051 Mess, Reel, 1000ft



Mechanical Specifications

Specification	Value
Center Conductor	18 Awg Copper Clad Steel (With Anti-Tarnish Treatment)
Nominal Diameter	0.0403” ± 1% (1.02)
Dielectric	Gas Expanded, Virgin Polyethylene (Dow Pe)
Nominal Diameter Over Dielectric	0.180” ±0.002”(4.57 ±0.05 mm)

Shield Specifications

Specification	Value
1st Shield	APA-laminated tape bonded to dielectric
Nominal Diameter Over Tape	0.188± 0.002” (4.78 ± 0.05 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	0.278” ± 0.008” (7.06 mm ± 0.200 mm)

Performance Specifications

Specification	Value
NEC Rated	None
Characteristic Impedence	75 +/- 3 Ohms
Nominal Velocity Propagation	82%

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (305 m)
Packaging Dimensions	18”x4”x13” (45.7x10.2x33 cm)
Shipping Weight per Reel	90 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	0.58	1.90
55	1.50	4.92
100	2.00	6.56
211	2.87	9.42
250	3.12	10.24
270	3.24	10.63
300	3.43	11.25
330	3.61	11.84
350	3.72	12.20
400	4.00	13.12
450	4.28	14.04
500	4.51	14.80
550	4.76	15.62
600	4.98	16.34
750	5.62	18.44
870	6.09	19.98
1000	6.54	21.46

Attenuation (max corrected to 20°C)

RoHS COMPLIANT

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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