75 Ohm Coaxial Cable

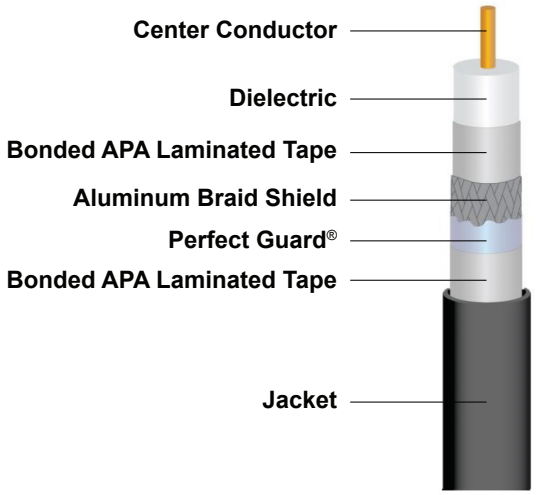
P50ET77VVPRF

PerfectFlex® BROADBAND COAXIAL CABLE

PPC® A BELDEN BRAND

General Description

P50 Series, Perfect Prep®, Tri-shield, 77% Braid, Perfect Guard®, Black PVC Jacket, CATV Rated, Footage Marked, Reel Package



Mechanical Specifications

Specification	Value
Center Conductor	9 AWG Copper covered aluminum
Nominal Diameter	0.109” (2.77 mm)
Dielectric	Gas expanded, virgin polyethylene
Nominal Diameter Over Dielectric	0.455” (11.56 mm)

Shield Specifications

Specification	Value
1st Shield	APA-laminated tape bonded to dielectric
Nominal Diameter Over Tape	0.463” (11.76 mm)
2nd Shield	33 AWG aluminum braid wire; 77% coverage
3rd Shield	APA-laminated tape bonded to jacket

Jacket Specifications

Specification	Value
Jacket	Black PVC
Nominal Diameter Over Jacket	0.590” (14.99 mm)

Performance Specifications

Specification	Value
NEC Rated	NEC CATV
Characteristic Impedence	75 +/- 3 Ohms
Nominal Velocity Propagation	85%

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (304.8 m)
Packaging Dimensions	30” diameter x 18” traverse (762 mm x 457mm)
Shipping Weight per Reel	144 lbs/1000 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	0.21	0.69
55	0.60	1.97
211	1.16	3.81
250	1.27	4.17
300	1.39	4.56
350	1.50	4.92
400	1.61	5.28
450	1.71	5.61
500	1.80	5.91
550	1.89	6.20
600	1.98	6.50
750	2.23	7.32
870	2.40	7.87
1000	2.59	8.50
1300	2.99	9.79
1500	3.26	10.68
1800	3.63	11.89
2000	3.87	12.68
2200	4.10	13.43
2300	4.30	14.09

Attenuation (max corrected to 20°C)

RoHS COMPLIANT

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