

75 Ohm Coaxial Cable

PerfectFlex®
BROADBAND COAXIAL CABLE

P50T77V4PRF



General Description

P50 Series, Tri-shield, 77% Braid, Perfect Guard®, Black PVC Jacket, 0.109" Messenger, 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

Jacket Specifications

Specification	Value
Jacket	Black PVC
Nominal Diameter Over Jacket	.590" (14.99 mm)

Messenger Specifications

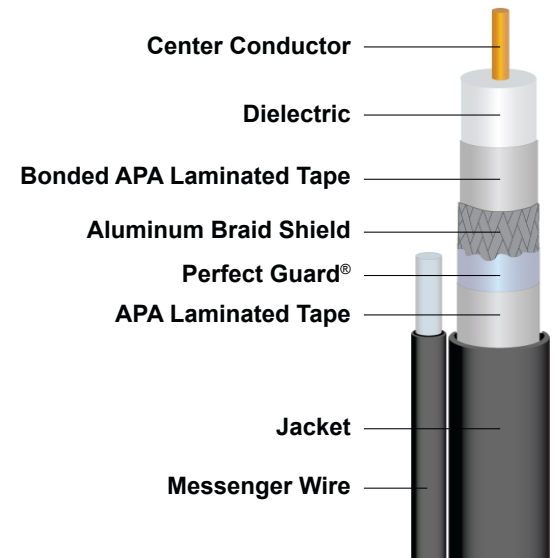
Specification	Value
Messenger	Galvanized steel; 0.109" (2.77 mm)

Performance Specifications

Specification	Value
NEC Rated	None
Characteristic Impedance	75 +/- 3 Ohms
Nominal Velocity Propagation	

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (305 m)
Packaging Dimensions	
Shipping Weight per Reel	73 lbs./1,000 ft.



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	4.1	13.43
2300	4.3	14.09

Attenuation (max corrected to 20°C)

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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