75 Ohm Coaxial Cable

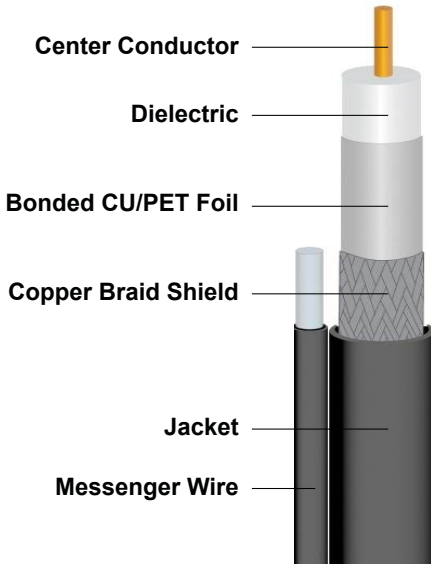
PerfectFlex® BROADBAND COAXIAL CABLE

P50ICFS52ETRM

PPC® A BELDEN BRAND

General Description

P50 Series, Solid Copper, Standard shield, 52% Copper Braid, Black PE Jacket, Twisted Messenger, Meter Marked, Reel Package



Mechanical Specifications

Specification	Value
Center Conductor	Solid Copper
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	CU/PET Foil
Nominal Diameter Over Tape	0.463” (11.76 mm)
2nd Shield	Copper Braid; 52% coverage

Jacket Specifications

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

Messenger Specifications

Specification	Value
Messenger	Twisted steel; 7*0.80mm

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	31.5” x 15.7” x 18.9” (80 cm x 40 cm x 48 cm)
Shipping Weight per Reel	184 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	0.21	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

Attenuation (max corrected to 20°C)

RoHS COMPLIANT

This product 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 U.S.A. • customerservice@ppc-online.com • 1-800-800-6652 • +1 315-431-7200 • www.ppc-online.com