75 Ohm Coaxial Cable

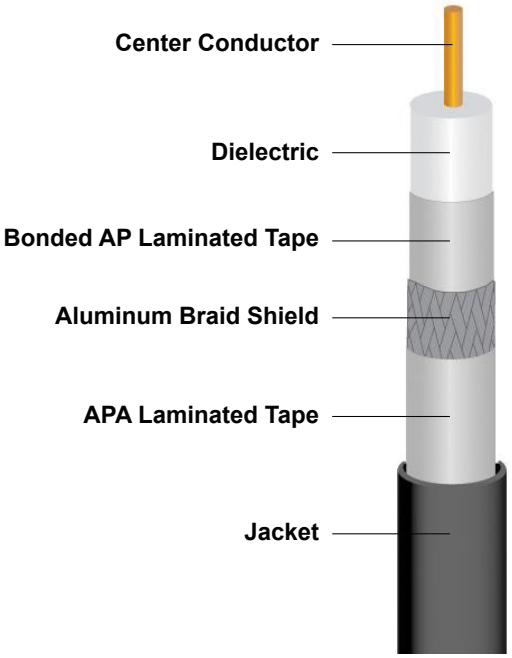
P59ET77VEWBM

PerfectFlex® BROADBAND COAXIAL CABLE

PPC® A BELDEN BRAND

General Description

59 Series, Perfect Prep®, Tri-shield, 77% Braid, White PVC Jacket, Euroclass Eca Rated, Meter Marked, Box Package



Mechanical Specifications

Specification	Value
Center Conductor	Copper-covered steel
Nominal Diameter	0.032” (.813 mm)
Dielectric	Closed cell foamed polyethylene
Nominal Diameter Over Dielectric	0.144” (3.66mm)

Shield Specifications

Specification	Value
1st Shield	APA-laminated tape bonded to dielectric
Nominal Diameter Over Tape	0.152” (3.86 mm)
2nd Shield	34 AWG aluminum braid wire; 77% coverage
3rd Shield	APA-laminated tape

Jacket Specifications

Specification	Value
Jacket	Euroclass E, White PVC
Nominal Diameter Over Jacket	0.244” (6.20 mm)

Performance Specifications

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

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (305 m)
Packaging Dimensions	13.4”x13.9”x13.9” (34x35.3x35.3 cm)
Shipping Weight per Reel	33 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	0.86	2.82
55	1.88	6.17
211	3.59	11.78
250	3.89	12.76
300	4.27	14.01
350	4.64	15.22
400	4.88	16.01
450	5.30	17.39
500	5.50	18.04
550	5.90	19.36
600	6.18	20.28
750	6.96	22.83
870	7.54	24.74
1000	8.09	26.54
1200	8.91	29.23
1450	9.82	32.22
1750	10.92	35.83

Attenuation (max corrected to 20°C)

RoHS COMPLIANT

r2_07302024

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