

75 Ohm Coaxial Cable

PerfectFlex®
BROADBAND COAXIAL CABLE

P6ET77EFRM



General Description

6 Series, Perfect Prep®, Tri-shield, 77% Braid, Underground Floodant, Meter Marked, Reel Package

Mechanical Specifications

Specification	Value
Center Conductor	Copper-covered steel
Nominal Diameter	0.040" (1.02 mm)
Dielectric	Closed cell foamed polyethylene
Nominal Diameter Over Dielectric	0.180" (4.57 mm)

Shield Specifications

Specification	Value
1st Shield	APA-laminated tape bonded to dielectric
Nominal Diameter Over Tape	0.188" (4.78 mm)
2nd Shield	34 AWG aluminum braid wire; 77% coverage
3rd Shield	APA-laminated tape bonded to jacket

Jacket Specifications

Specification	Value
Jacket	Black PE
Nominal Diameter Over Jacket	.278" (7.06 mm)

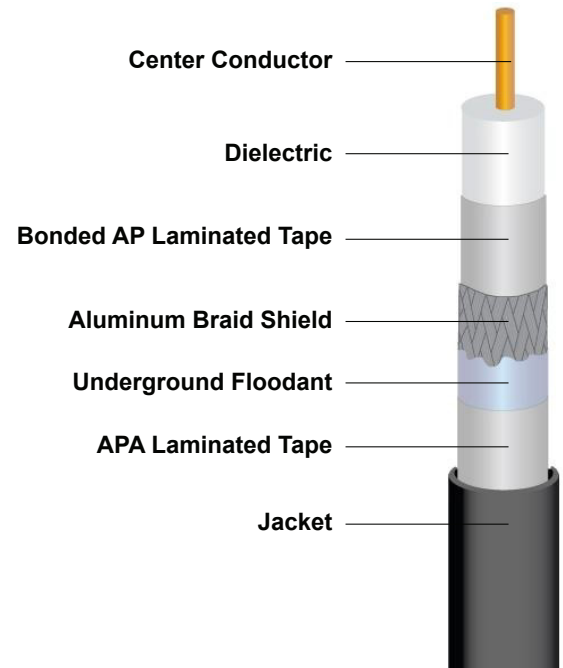
Performance Specifications

Specification	Value
NEC Rated	None
Characteristic Impedance	75 +/- 3 Ohms
Nominal Velocity Propagation	85%

Packaging Specifications

Specification	Value
Cable Length per Reel	1,000 ft. (305 m)
Packaging Dimensions	12"x4"x12" (30.5x10x30.5 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	0.58	1.9
55	1.55	5.09
211	3.00	9.84
250	3.20	10.5
300	3.50	11.48
350	3.80	12.47
400	4.12	13.52
450	4.37	14.34
500	4.63	15.19
550	4.86	15.94
600	5.08	16.67
750	5.65	18.54
870	6.10	20.01
1000	6.54	21.46

Attenuation (max corrected to 20°C)