

# 75 Ohm Coaxial Cable

PerfectFlex®  
BROADBAND COAXIAL CABLE

P6EIT77VMRMB



## General Description

6 Series, Perfect Prep®, Tri-shield, 77% Braid, 0.051" Messenger, Meter Marked, Reel Package

## Mechanical Specifications

Specification	Value
Center Conductor	Copper covered steel; 21% IACS
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	AP 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	Bonded AP laminated tape

## Jacket Specifications

Specification	Value
Jacket	Black Tropical PVC
Nominal Diameter Over Jacket	0.278" (7.06 mm)

## Messenger Specifications

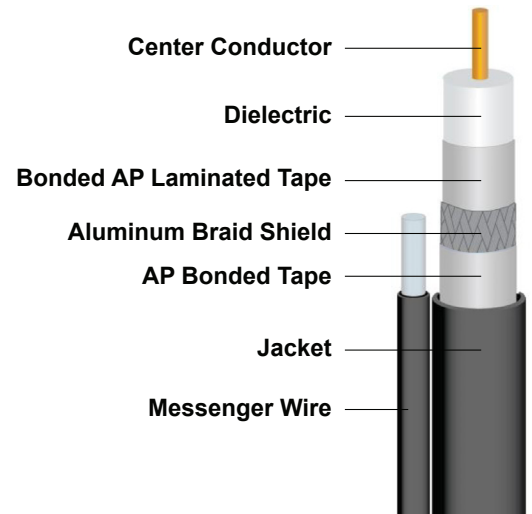
Specification	Value
Messenger	Galvanized steel; 0.051" (1.3 mm)

## Performance Specifications

Specification	Value
Operating Temperature	-40 to 60 °C (-40 to 140 °F)
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	14.5"x4"x11" (37x10x28 cm)
Shipping Weight per Reel	47 lbs./1,000 ft.



## Performance Specifications

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
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
1450	8.00	26.24
2250	10.10	33.13
3000	12.00	39.60

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.

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