

# 75 Ohm Coaxial Cable with Miniflex® Outdoor Microduct

P6ED1T77VVRF



## General Description:

6 series coaxial cable with Miniflex® Outdoor Microduct, Perfect Prep®, Tri-Shield, 77% Braid, Footage Marked, Reel package

**Center Conductor:** Copper covered steel

**Nominal Diameter:** 0.040"(1.02 mm)

**Dielectric:** Closed cell foamed polyethylene

**Nominal Diameter over Dielectric:** 0.180" (4.57mm)

## Shield:

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

**Jacket:** Black PVC

**Nominal Diameter over Jacket:** 0.278" (7.06mm)

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
5	0.58	1.90
55	1.50	4.92
100	2.00	6.56
211	2.87	9.42
250	3.12	10.24
270	3.24	10.63
300	3.43	11.25
330	3.61	11.84
350	3.72	12.20
400	4.00	13.12
450	4.28	14.04
500	4.51	14.80
550	4.76	15.62
600	4.98	16.34
750	5.62	18.44
870	6.09	19.98
1000	6.54	21.46
1200	7.18	23.56
1450	7.89	25.89



**NEC Rated:** NEC CATV

## Electric Properties:

Impedance: 75 +/- Ohms

Velocity Propagation: 85% Nominal

**Cable Length Per Reel:** 1,000 ft. (305 m)

*Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI SCTE 74*

This product may be protected by one or more patents • For further information, please visit: [www.ppc-online.com/patents](http://www.ppc-online.com/patents)

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## Miniflex® Outdoor Microduct

### General Description:

Miniflex Outdoor Microduct is a microduct for the routing of cables and optical fibers wherever there is a need for a UV stable product, such as outdoors. Miniflex Outdoor Microduct is identical to Miniflex Indoor Microduct except that it is made from a tough UV stable PE polymer.

### Advantages:

- UV stabilized
- Features Miniflex technology
- Ultra tough
- Ultra low friction & low static DVC lining in aiding fiber install
- Very high crush resistance
- Class-leading push and blowability

### Cable Material Information

Material	OD	ID	Crush	Tension	Nominal Weight	Bend Radius	Install Temp	Product Code
	(mm)	(mm)	(n)	(n)	(kg/km)		(°C)	
HDPE	8.0	5.5	450	300	24.7	20x OD	-10 to 60	8.0-5.5-HDPE
Material	Properties		Best for		Color	Operating Temperature	Installation Temperature	
HDPE	Harder & denser than MDPE		All general applications		BLK	-40 °C to 70 °C	-10 °C to 60 °C	

