

75 Ohm Coaxial Cable with Miniflex® Riser Microduct



P6ED1T77VRRF

General Description:

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

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 Riser Rated

Nominal Diameter over Jacket: 0.278" (7.06mm)

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



NEC Rated: NEC CATVR

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

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Miniflex® Riser Microduct

General Description:

Miniflex® Riser Microduct is a microduct for the routing of Optical Fiber and Cable within buildings. Manufactured with an industry leading low-friction lining to assist in pulling, blowing and pushing. Miniflex Riser Microduct fully conforms with the UL 2024 standard for a Riser Communications Raceway and can be used to route any Riser Rater Fiber Cable.

Advantages:

- UL 2024 riser rated
- Low smoke zero halogen (LSZN)
- Features Miniflex technology for 10x diameter bend radius
- Ultra low friction DVC lining
- High crush resistance
- Best-in-class push/pull and blow-ability

Cable Material Information									
Material	OD	ID	Crush	Tension	Nominal Weight	Bend Radius	Bend Radius	Install Temp	Product Code
	(mm)	(mm)	(n)	(n)	(kg/km)	(Passive)	(Active)	(Celsius)	
PEMX	8.0	5.5	725	350	39.6	10x OD	5x OD	-10 to +60	8.0-5.5-PEMX
Material	Properties		Best for		Color	Operating Temperature		Installation Temperature	
PEMX	Specialized LSZH and Flame Retardant Material		Indoor use, especially building risers		WHT	-40 °C to +70 °C		-10 °C to +60 °C	

A high grade Polymer, blended with Low Smoke Flame Retardants which meet crucial LSZH requirements for in-building use and conforms with the UL 2024 specification for Riser Communications Raceways.

Advantages:

UL 2024
Riser Communications Raceway
File Number E306979



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