

Miniflex® QuikDrop® Fiber Cable

PIA Approved



Features & Benefits

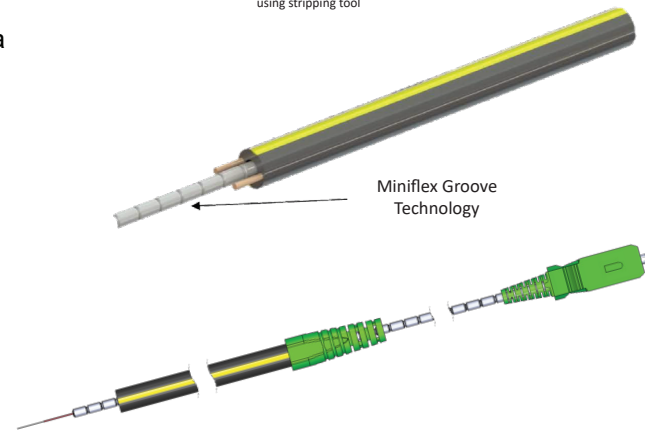
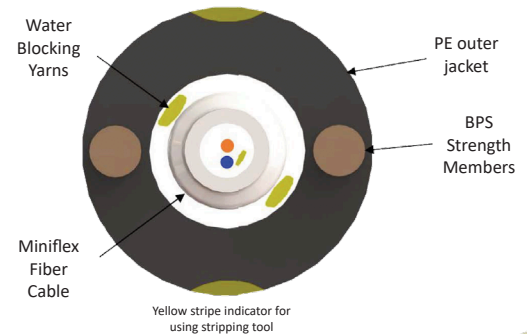
- ITU-T G.657 Optical Fiber (A1 & A2)
- 6 mm MASS Jacket with 2.2 mm Miniflex® Inner Cable
- PPC Pushable Connectors (Balistix™ LC/APC and SC/APC)
- Available with Standard LC & SC Connectors

Cable Outer Jacket

- Ultra-lightweight for self supporting spans up to 55 m using metal (BPS) strength members
- Easy Strip Jacket feature for quick and simple handling
- UV Resistance and full weather range protection -40 °C to 70 °C
- Aerial and Underground installations
- Suitable for use under power lines of - up to and including - 11kV, with a minimum vertical clearance of 1.8 m

Miniflex® Inner Cable

- QuikPush® cable assembly with pre-terminated SC/APC connectors (4.5 mm diameter)
- Ultra-flexible 22 mm bend radius for compact slack fiber storage
- Pushable fiber for routing into building ducts and conduits
- Small and unobtrusive enough for surface mount applications
- Tough enough for clipping, tacking and gluing
- Flame Retardant material - Dca rated white Miniflex



Overview

QuikDrop® is a combination of aerial fiber jacket and Miniflex fiber cable, where the Miniflex cable can be connectorized on one or both ends. Various connector combinations are possible including the PPC pushable SC/APC and LC/APC connectors. This makes QuikDrop the aerial equivalent of our tried and tested QuikPush cable assembly.

QuikDrop can dramatically reduce installation costs and time by simplifying FTTX deployments and removing the need to splice. Strength members are embedded within the outer jacket for self-supporting spans.

Thanks to its high crush and tensile strength, it can also be direct buried or pulled through sub ducts. Miniflex is ultra tough and flexible so as well as being great for fishing through microducts, it can also be fixed directly to walls.

It offers an ideal solution for both rural single-dwelling and urban multi-dwelling units. The Pushable LC/APC and SC/APC connectors from PPC can be safely pushed/pulled through small conduits, cavities and holes less than 5 mm before being fully 'assembled' as an industry standard connector.

Applications

- FTTH - single dwelling and urban multi-dwelling units
- FTTP - outdoor/indoor point of presence
- FTTC - underground sub-ducts and cabinets
- FTTX - quick and simple fiber-to-the-anywhere solution

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Technical Data

QuikDrop® Cable

Strength Member	O.D.	Min. Bend Radius	Crush Resistance		Tensile Strength	
	+ / - 0.1mm	<0.05dB at 1550nm	No Damage	<0.05dB at 1550nm	<0.5% Fiber Strain	Ultimate Strength
	mm	mm	N	N	N	N
Metal (BPS)	6.0	>60	>2000	>5000	>650	>1350

Strength Member	Impact Resistance	Material	Color	Cable Weight	Temperature Range
	<0.05dB at 1550nm				
	N/m	Polymer		kg/km	°C
Metal (BPS)	>5	PE	Black	25	-40 to 70

Miniflex® Cable

O.D.	Min. Bend Radius	Crush Resistance		Tensile Strength	Impact Resistance	Material	Color	Cable Weight	Temp. Range
+ / - 0.1mm	<0.05dB at 1550nm	No Damage	<0.05dB at 1550nm	<1% Fiber Strain	<0.05dB at 1550nm				
mm	mm	N	N	N	N/m	Polymer		kg/km	°C
2.2	>22	>1500	>3000	>100	>2	PBIO	White	5	-40 to 70

Connector Performance

Ferrule	IL Max	IL typical	Return Loss
APC	0.5 Db	0.25 dB	> 60 dB

Transmission Performance Specification

Item	Single-mode	
Specification	G657A1	G657A2
Max. Attenuation 1310 / 1550	0.4 / 0.3 db/km	
10 turns at 15mm radius	0.20	0.03
1 turn at 10mm radius	0.20	0.10
1 turn at 7.5mm radius	~	0.50

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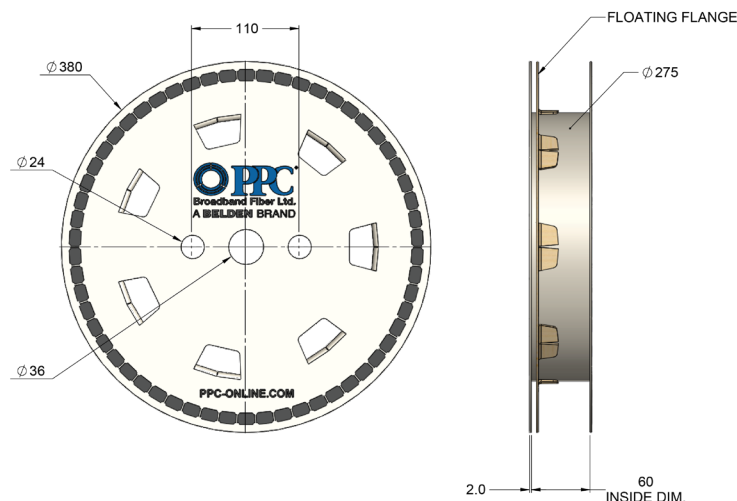


Ordering Information: Code Builder

Example	QDP	-	02	6	-	BPS	-	PBIO	-	NC	-	WHT	-	SC5	-	A2	-	xxxM*
Character	1		2	3	-	4	-	5	-	6	-	7	-	8	-	9	-	10

1. Product Type QDP = QuikDrop®	3. Jacket O.D. 6 = 6.0 mm	6. Connector 1 NC = No Connector BC5 = Balistix™ SC/APC BLC5 = Balistix LC/APC SC5 = SC/APC LC5 = LC/APC O3 = HFOC UPC O5 = HFOC APC	8. Connector 2 NC = No Connector BC5 = Balistix SC/APC BLC5 = Balistix LC/APC SC5 = SC/APC LC5 = LC/APC O3 = HFOC UPC O5 = HFOC APC	10. Length (m) M
2. Fiber Count 01 = 1 02 = 2 04 = 4	4. Strength Member BPS			<i>*The maximum length of QuikDrop cable is 150m.</i>
	5. Miniflex® Jacket PBIO	7. Internal Miniflex Color WHT = White	9. G657 Fiber Type A1 A2	

QuikDrop cables longer than 125 m are supplied on a wooden reel. All other lengths come on a cardboard reel (see drawing below).



Ordering Information

Stripping Tool - <https://www.ppc-online.com/products/fiber/tool-10-132x>

Part Number	Description	Dimensions	Pack Quantity
10-1323	6mm Tool (handle + blades)	210 mm x 67 mm x 36 mm	1 pc (individual)
10-1324	6mm replacement blades	n/a	1 pc (individual)