

Drop Cable Assembly Kit



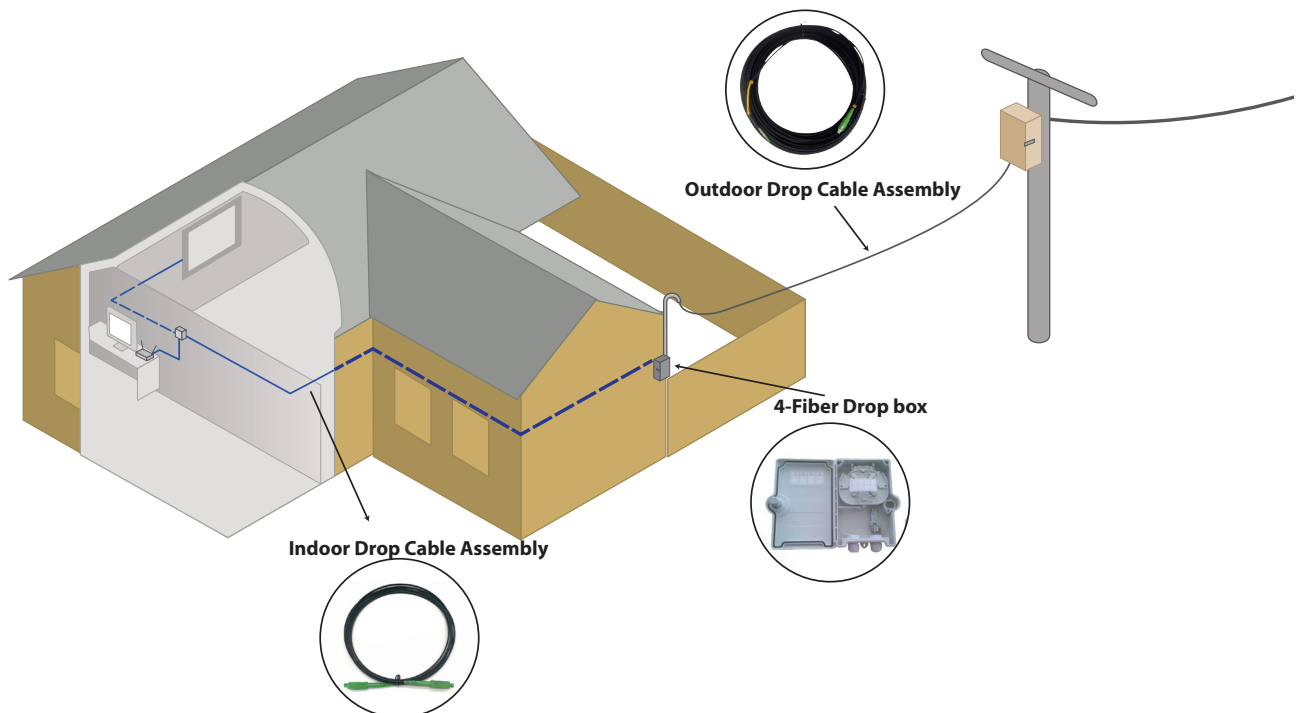
Overview

PPC's Drop Cable Assembly Kit is ideal for both indoor and outdoor applications. The pre-terminated kit allows for quick installation at the distribution and termination ends in a fiber-to-the-home (FTTH) network.

The Drop Cable Assembly Kit includes:

- One Indoor Drop Cable Assembly
- One Outdoor Drop Cable Assembly
- One 4-Fiber Drop Box

Applications



Drop Cable Assembly Kit



Indoor Drop Cable Assembly

Features & Benefits

- Available with all fiber optic connector types
- High quality ferrules and housings
- Low insertion loss and high return loss
- Individual test results and traceability number
- IEC, EIA/TIA and GR-326-CORE compliant
- Customized on request



Overview

PPC offers high performance patchcords and pigtails for use in all types of fiber optic networks. The PPC patchcords & pigtails are manufactured in India using state-of-the-art controlled manufacturing processes to operate over the full range of singlemode and multimode wavelengths.

PPC patchcords and pigtails are terminated with high quality connectors, which provide low insertion loss and high return loss. Each patchcord or pigtail is individually tested and supplied with test certificates. The unique serial number provides traceability of every single product.

Available in all types of singlemode and multimode fiber types.

Applications

- Fiber to the Home (FTTH)
- Telecommunication Networks.
- CATV Networks.
- Fiber optic test and sensing equipment.
- Passive optical networks and fiber communication systems.

Technical Data

Optical Data

Specification	Value	
Fiber type	OS2, G657A1, G657A2	
Connector Insertion Loss*	≤0.3dB for SC	
Connector Return Loss*	≥50dB UPC, ≥60dB APC	
Cable Dimension	3±0.2mm×2±0.2mm	
Jacket Material	LSZH	
Max Tensile Strength(N)	Short-term	80
	Long-term	40
Min. Bend Radius	Dynamic	30D
	Static	15D
Max Crush Resistance(N/100mm ²)	Short-term	1000
	Long-term	500

Drop Cable Assembly Kit



Ordering Information

Example

PID	1	A	1	A	2	3	S	B	0	0	5	0	L	X	X
	4	5	6	7	8-9	10	11		12-15			16	17	18	

4 Connector 1

1 = SC
7 = SC Balistix™

5 Polish Type

A = APC
U = UPC
P = PC

6 Connector 2

1 = SC
7 = SC Balistix™

7 Polish Type

A = APC
U = UPC
P = PC

8-9 Cable Diameter

23 = 3±0.2mm×2±0.2mm

10 Fiber Type

S = G652D
A = G657A1
N = G657A2

11 Color

B = Black

12-15 Length

0005 = 0.5MTR
0050 = 5MTR
0500 = 50MTR
5000 = 500MTR

16 Material

L = LSZH
V = PVC

17 Accessories

X = With Pulling Eye
Blank = Without Pulling Eye

18 Brand

X = Custom Brand
Blank = With PPC Brand



Drop Cable Assembly Kit



Outdoor Drop Cable Assembly

Features & Benefits

- Available with all fiber optic connector types
- High quality ferrules and housings
- Low insertion loss and high return loss
- Individual test results and traceability number
- IEC, EIA/TIA and GR-326-CORE compliant
- Customized on request



Overview

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Available in all types of singlemode and multimode fiber types

Application

- Fiber to the Home (FTTH)
- Telecommunication Networks.
- CATV Networks.
- Fiber optic test and sensing equipment.
- Passive optical networks and fiber communication systems.

Technical Data

Optical Data

Parameter	Value	
Fiber type	OS2, G657A1, G657A2	
Connector Insertion Loss*	≤0.3dB for SC	
Connector Return Loss*	≥50dB UPC, ≥60dB APC	
Cable Dimension	5.0±0.2mm x 2.0±0.2mm	
Jacket Material	LSZH	
Max Tensile Strength(N)	Short-term	600
	Long-term	300
Min. Bend Radius	Dynamic	30D
	Static	15D
Max Crush Resistance(N/100mm ²)	1000	

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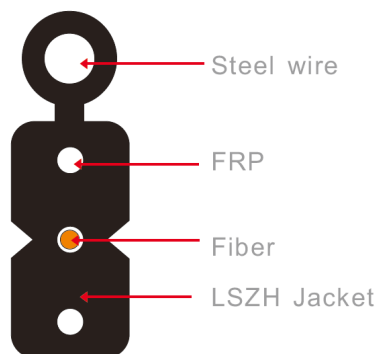


Ordering Information

Example

POD	1	A	1	A	2	5	S	B	0	0	5	0	L	X	X
	4	5	6	7	8-9	10	11		12-15			16	17	18	

<p>4 Connector 1</p> <p>1 = SC 7 = SC Balistix™ 8 = HFOC Connector</p>	<p>5 Polish Type</p> <p>A = APC U = UPC P = PC</p>	<p>6 Connector 2</p> <p>1 = SC 7 = SC Balistix™ 8 = HFOC Connector</p>
<p>7 Polish Type</p> <p>A = APC U = UPC P = PC</p>	<p>8-9 Cable Diameter</p> <p>25 = 5±0.2mm×2±0.2mm (flat drop cable) 30= Miniflex® 3mm cable 60= 6mm Oval shape cable</p>	<p>10 Fiber Type</p> <p>S = G652D A = G657A1 N = G657A2</p>
<p>11 Color</p> <p>B = Black</p>	<p>12-15 Length</p> <p>0005 = 0.5MTR 0050 = 5MTR 0500 = 50MTR 5000 = 500MTR</p>	<p>16 Material</p> <p>L = LSZH V = PVC</p>
<p>17 Accessories</p> <p>X = With Pulling Eye Blank = Without Pulling Eye</p>	<p>18 Brand</p> <p>X = Custom Brand Blank = With PPC Brand</p>	



Drop Cable Assembly Kit



4-Fiber Drop Box

Features & Benefits

- Wall mountable design
- Light and compact
- Made of high impact resistant plastic
- IP 55 rated
- Individual lock
- Usable with fusion splicing and field assembly connectors
- Can house SC and LC adapters and PLC splitters
- Built-in cable management elements to ensure optimum bend radius and fiber management



Overview

The 4 fiber drop box is a light and compact wall mountable enclosure for termination of up to four fibers. It has been designed to serve as a building entry point for FTTH applications but is also a perfect choice for all types of FTTH applications. The demarcation box provides versatility and enables fusion splicing, direct termination or patching. It can house one PLC splitter with 1:2 or 1:4 splitting ratio.

Applications

- FTTH networks
- Telecom networks

Technical Data

Mechanical Data

Specification	Value
Dimensions	H x W x D = 210mm x 135mm x 50mm
Material	Polycarbonate, Light grey RAL 7035
Weight	400g

Optical Data

Specification	Value
Fiber capacity	4 splices, 2 LC duplex or 4 SC simplex adapters
Splitter capacity	1 of 1:2 or 1:4
Fiber type	Single mode G657a1
Connector performance	IL < 0.30dB, RL APC 60dB, UPC 50dB

Environmental Data

Specification	Value
Operating temperature	-20 °C to 70 °C (-4 °F to 158 °F)
2011/65/EC RoHS	Fully compliant
Environmental protection	IP 55

Drop Cable Assembly Kit



Ordering Information

FCDM4

6 7 8 9 10-11 12 13-14

6. No of Adapter UNLD = Unloaded 1 = 1 No. 2 = 2 No.s 3 = 3 No.s 4 = 4 No.s	9. Fiber Type S = G.652D A = G.657A1 N = G.657A2 B = G.657B3 G = G.655 Empty = Unloaded
7. Adapter type 1 = SC 2 = LC Empty = Unloaded	10-11. Pigtail Length 05 = 0.5MTR 15 = 1.5mtr Empty = Unloaded
8. Polish Type A = APC U = UPC Empty = Unloaded	12. Accessories A = Standard accessories (Splice protector, fissure plug) L = Only fixing Screw
	13-14. Customisation Empty = Standard XX = As per customer requirement

