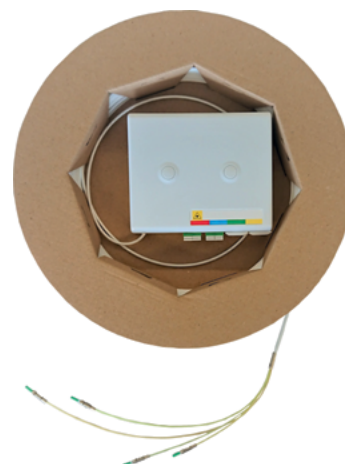


Pre-Terminated Outlet PTO ECO, flush-mount



Features & Benefits

- Quick and easy installation
- Push, pull or blow through micro channels (cables specially designed for these installation processes)
- Low qualification required to install the product
- High-performance ceramic ferrules and housings
- Outer end configurable with various connectors (Push, Pull, Blow), inner end SC or LC in PC and APC versions
- Direct wall mounting possible without opening the PTO
- Vertical and horizontal break-outs for DIN rail mounting (according to EN 50022 35x7.5mm)
- 4 port capacity (4x SC simplex or 4x LC duplex adapter)
- Custom lengths up to 99m are available
- 2011/65/EU RoHS certified and halogen-free



Overview

The Pre-Terminated Outlet Kit (PTO) is a product designed for quick and easy installation in Fiber to the Home (FTTH) and Fiber to the Building (FTTB) installations.

The Pre-Terminated Outlet Kit (PTO) is specifically designed to simplify and accelerate the installation of fiber optic cables within SDUs and MDUs. Operators are able to send field service technicians without splicing knowledge to installation and thus reduce the installation time required to connect a subscriber to the network.

The innovative aspect of this solution is that the outer housing of the various connectors (Push, Pull, Blow) can be connected to the ceramic ferrule after blowing, pushing or pulling through the micro- or corrugated tube. The connector needs less space in the tube and this improves the entire installation process. The traditional installation process requires a pre-terminated connector or pigtail to be spliced to a cable. This is costly and time-consuming.

The pre-installation of the connectors in building networks prevented complex, cost-intensive installation on site.

Applications

The Push, Pull, Blow connector system has been developed to avoid splicing work on cables with a small number of fibres.

This will be the case in building networks, whether FTTH networks or LAN. Depending on the existing infrastructure, the cable can also be pulled in or pushed in, thus increasing the effectiveness of the installation in buildings.

Technical Data

Dimensions (L x W x H)	Material	Connector type	Adapter capacity
<i>mm</i>			
83 x 100 x 30	94V-0 ABS white	LC / SC	max. 4

Fiber capacity	Fiber category	Insertion Loss	Return Loss
	<i>µm</i>	<i>dB</i>	<i>dB</i>
1 to 8	Singlemode (9/125) G657.A1 or G657.A2	≤ 0,30 Singlemode (UPC) ≤ 0,25 Singlemode (APC)	≥ -55,0 Singlemode (UPC) ≥ -65,0 Singlemode (APC)

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

Pre-Terminated Outlet PTO ECO, flush-mount



Ordering Information

Example

PTOB	1	0	2	6	7	1	1	4	1	2	4	1	1	0
	1	2	3	4	5	6	7	8	9					

1 Adapter

10 = LC Duplex Blue Flangeless
 11 = LC Duplex Green Flangeless
 30 = SC Simplex Blue Flangeless
 31 = SC Simplex Green Flangeless
 51 = LC Duplex Blue Internal Shutter Flangeless
 52 = LC Duplex Green Internal Shutter Flangeless
 55 = SC Simplex Blue Internal Shutter Flangeless
 56 = SC Simplex Green Internal shutter Flangeless

2 Adapter Quantity

1 = 1
 2 = 2
 3 = 3
 4 = 4

3 Cable Type

52 = 2F Indoor G657.A1
 53 = 4F Indoor G657.A1
 54 = Miniflex® 2F 2mm G657.A1
 55 = Miniflex 4F 2mm G657.A1
 56 = Miniflex 2F 3mm G657.A1
 57 = Miniflex 4F 3mm G657.A1
 66 = 2F Indoor cable G657.A2
 67 = 4F Indoor cable G657.A2
 68 = Miniflex 2F 2mm G657.A2
 69 = Miniflex 4F 2mm G657.A2
 70 = Miniflex 2F 3mm G657.A2
 71 = Miniflex 4F 3mm G657.A2

4 Connector Outlet

11 = LC/UPC Simplex
 12 = LC/APC Simplex
 31 = SC/UPC Simplex
 32 = SC/APC Simplex

5 Connector Quantity Outlet

1 = 1
 2 = 2
 3 = 3
 4 = 4

6 Connector Pulling End

00 = No connector
 11 = LC/UPC Simplex
 12 = LC/APC Simplex
 31 = SC/UPC Simplex
 32 = SC/APC Simplex
 82 = SC UPC Balistix (1F Only)
 83 = SC APC Balistix (1F Only)
 84 = LC UPC Blow-In Connector
 85 = LC APC Blow-In Connector
 86 = SC UPC Blow-In Connector
 87 = SC APC Blow-In Connector
 88 = LC UPC Balistix (1F Only)
 89 = LC APC Balistix (1F Only)

7 Connector Quantity Pulling End

See Connector Quantity Outlet (5.)

8 Pull-in Loop

1 = Yes
 2 = No

9 Product Length

05 = 5 Meters
 10 = 10 Meters
 50 = 50 Meters