

Compact Pre-Terminated Outlet (PTO) Kit



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 APC versions
- Vertical and horizontal break-outs for DIN rail mounting (according to EN 50022 35x7.5mm)
- Direct wall mounting possible without opening the PTO 4 port capacity (4x SC simplex or 4x LC duplex adapter)
- Custom lengths up to 99m are available
- Installation Size: Wall mount 60mm or Rail DIN 35mm



Overview

The PPC Pre-Terminated Outlet (PTO) Kit is designed for quick and easy installation in fiber to the home (FTTH) and fiber to the building (FTTB) installations.

The PTO Kit is specifically designed to simplify and accelerate the installation of fiber optic cables within single-dwelling and multi-dwelling units (SDUs and MDUs). Operators are able to send field service technicians without splicing knowledge to installation, reducing 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, improving 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 fibers. 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, increasing the effectiveness of the installation in buildings.

Technical Data

Dimensions (L x W x H)	Material	Connector Type	Adapter Capacity
80 x 80 x 28 mm	ABS (UL94-V2)	LC/SC	Max. 4
Fiber Capacity	Fiber Category	Insertion Loss	Return Loss
1 - 4	Single mode (9/125 μ m) G657.A1 or G657.A2	$\leq 0,25$ dB Single mode (APC) $\leq 0,30$ dB Single mode (UPC)	$\geq -55,0$ dB Single mode (UPC) $\geq -65,0$ dB Single mode (APC)

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

Compact Pre-Terminated Outlet (PTO) Kit



Images and Technical Drawing



Support up to 4 ports
SC Simplex Adapter



Support for up to
four color displays



Squeeze the edge of the box to
easily separate the box



German Crimping Type



Large internal fiber
storage space



Support up to 5 port
cable output

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Images and Technical Drawing



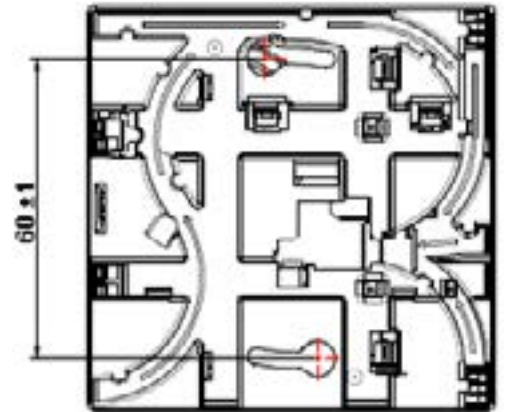
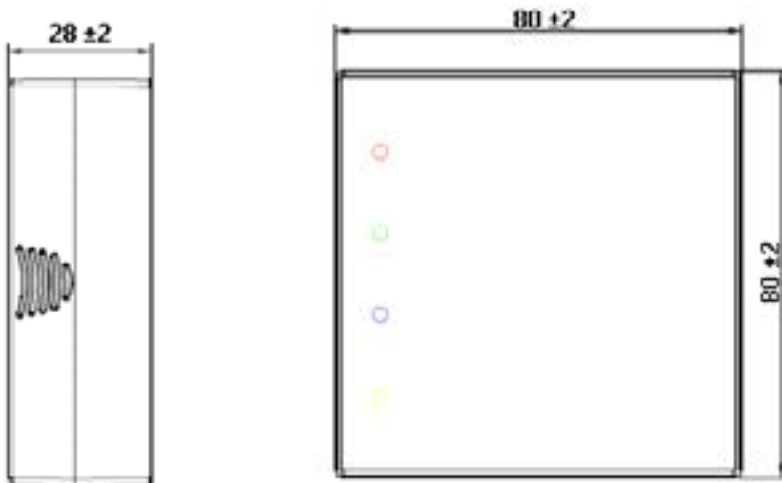
Wall installation distance 60 mm



Rail DIN Horizontal installation



Rail DIN Vertical installation



Note:
Tolerance: ± 2 mm
ROHS 2.0 and REACH Compliant

Accessory:
Screw ST3. 0*20 mm sets: 2 sets

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Ordering Information

Example

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

1 Adapter Type

61 = LC Duplex Green Ext-Shutter
63 = SC Simplex Green Ext-Shutter

2 Adapter Quantity

1 = 1
2 = 2

3 Cable Type

54 = Miniflex® Cca 2mm 2F G657.A1 – 10-1299
55 = Miniflex® Cca 2mm 4F G657.A1 – 10-1298
56 = Miniflex® Cca 3mm 2F G657.A1 – 10-1329
57 = Miniflex® Cca 3mm 4F G657.A1 – 10-1246
60 = Miniflex® Cca 2mm 2F G657.A2 – 10-1473
61 = Miniflex® Cca 2mm 4F G657.A2 – 10-1437
62 = Miniflex® Cca 3mm 2F G657.A2 – 10-1474
63 = Miniflex® Cca 3mm 4F G657.A2 – 10-1439
52 = 3mm 2F B2ca Indoor G657.A1 - 10-1511-2F
53 = 3mm 4F B2ca Indoor G657.A1 - 10-1511-4F
58 = 3mm 2F B2ca Indoor G657.A2 - 10-1512-2F
59 = 3mm 2F B2ca Indoor G657.A2 - 10-1512-4F

4 Connector Outlet

12 = LC/APC Simplex
32 = SC/APC Simplex

5 Connector Quantity Outlet

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

6 Connector Pulling End

00 = No connector
12 = LC/APC Simplex
32 = SC/APC Simplex
81 = LC/APC Nano

7 Connector Quantity Pulling End

0 = 0
1 = 1
2 = 2
3 = 3
4 = 4

8 Pull-in Loop

0 = Default for End 2 with Nano connector
1 = Yes
2 = No

9 Product Length

05 = 5 Meters
10 = 10 Meters
20 = 20 Meters
90 = 90 Meters