

Universal 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
- Universal mounting, flush or direct wall without opening the PTO
- Vertical and horizontal break-outs for DIN rail mounting (according to EN 5022 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
- Multifunctional accessories



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
100 x 80 x 30 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

Universal Pre-Terminated Outlet (PTO) Kit



Images and Technical Drawing



Support for up to 4 ports
SC Simplex Adapter



Multifunctional accessories



Squeeze the back of the box to
make it easy to separate



German Crimping Type



Large internal fiber
storage space



Support up to 8 port
cable output

Universal Pre-Terminated Outlet (PTO) Kit



Images and Technical Drawing



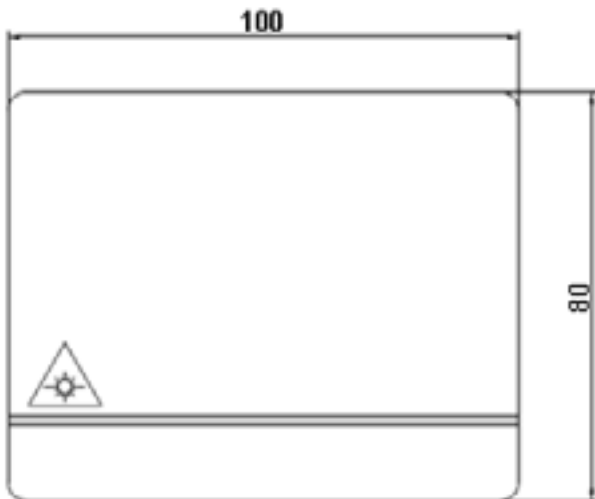
Fix the cross accessories on the wall box first, and the main body can be installed directly (can only be fixed with one screw)



First fix the cross attachment on the wall, the main body can be directly buckled



First fix the cross accessories on the DIN rail, and the main body can be directly buckled



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

Accessory:
Screw ST4. 0*25 mm sets: 2 sets
DIN Rail holder: 1pc

Universal Pre-Terminated Outlet (PTO) Kit



Ordering Information

Example	PTOH	6	1	2	6	1	1	1	4	0	0	0	2	1	0
		1	2	3	4	5	6	7	8	9					

<p>1 Adapter Type</p> <p>61 = LC Duplex Green Ext-Shutter 63 = SC Simplex Green Ext-Shutter</p>	<p>5 Connector Quantity Outlet</p> <p>1 = 1 2 = 2 3 = 3 4 = 4</p>
<p>2 Adapter Quantity</p> <p>1 = 1 2 = 2 3 = 3 4 = 4</p>	<p>6 Connector Pulling End</p> <p>00 = No connector 12 = LC/APC Simplex 32 = SC/APC Simplex 81 = LC/APC Nano</p>
<p>3 Cable Type</p> <p>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</p>	<p>7 Connector Quantity Pulling End</p> <p>0 = 0 1 = 1 2 = 2 3 = 3 4 = 4</p>
<p>4 Connector Outlet</p> <p>12 = LC/APC Simplex 32 = SC/APC Simplex</p>	<p>8 Pull-in Loop</p> <p>0 = Default for End 2 with Nano connector 1 = Yes 2 = No</p>
	<p>9 Product Length</p> <p>05 = 5 Meters 10 = 10 Meters 20 = 20 Meters 90 = 90 Meters</p>