

# 2-Port Pre-Terminated Outlet Kit, flush mount



## Features & Benefits

- Quick and easy installation
- 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
- 2-port capacity (2x SC simplex or 2x LC duplex adapters)
- Customized cable lengths are available



## Overview

The 2-Port 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) applications. Because of the simple process, operators are able to deploy field service technicians without splicing knowledge to complete the installation, reducing the installation time required to connect a subscriber to the network.

The outer housing of the various connectors can be connected to the ceramic ferrule after blowing, pushing or pulling through the microduct or corrugated tube. The connector needs less space in the tube, which improves the entire installation process. A traditional install requires a connector to be spliced to a cable - a costly and time-consuming process. The pre-termination of the connectors onto cable in building network applications prevents complex, cost-intensive installation on site.

The Push, Pull, Blow connector system has been developed to avoid splicing work on cables with a small number of fibers. This is the case in building networks, whether it's an FTTH network or LAN. Depending on the existing infrastructure, the cable can also be pulled or pushed in, increasing the effectiveness of the installation in buildings.

## Mechanical Data

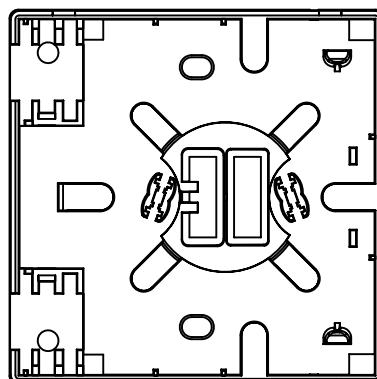
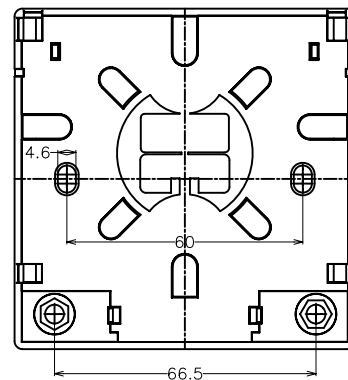
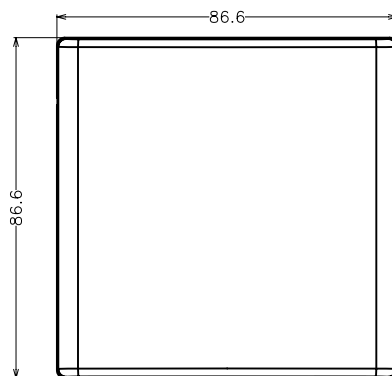
Dimensions (L x W x H)	Material	Connector Type	Adapter Capacity
86 × 86 × 24 mm (3.4 x 3.4 x 0.9 in)	PC+ABS (UL94-V2)	LC/SC	Max. 2

Fiber Capacity	Fiber Category	Insertion Loss	Return Loss
1 - 2	Single mode (9/125μm) G657.A1 or G657.A2	≤ 0,20 dB Single mode (APC) ≤ 0,30 dB Single mode (UPC)	≥ -50,0 dB Single mode (UPC) ≥ -60,0 dB Single mode (APC)

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## Images and Technical Drawing



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## Ordering Information

Example

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

### 1 Adapter

61 = LC Dx Green Ext-Shutter  
63 = SC Sx Green Ext-Shutter

### 2 Adapter Quantity

1 = One  
2 = Two

### 3 Cable Type

01 = LSZH 3mm 2F G657.A1  
06 = LSZH 3mm 2F G657.A2  
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 Indoor G657.A1 - 10-1511-2F  
53 = 3mm 4F Indoor G657.A1 - 10-1511-4F  
58 = 3mm 2F Indoor G657.A2 - 10-1512-2F  
59 = 3mm 2F Indoor G657.A2 - 10-1512-4F

### 4 Connector Outlet

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

### 5 Connector Quantity Outlet

1 = One  
2 = Two  
3 = Three  
4 = Four

### 6 Connector Pulling End

12 = LC/APC Duplex  
32 = SC/APC Simplex  
81 = LC APC Nano

### 7 Connector Qty Pulling End

1 = One  
2 = Two  
3 = Three  
4 = Four  
0 = No Pulling End

### 8 Pull-in loop

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

### 9 Product Length

05 = 5m  
10 = 10m  
20 = 20m  
90 = 90m