

**Product Family:** LANscape® Hardware Solutions

**Product:** IPOC™ Patchpanels

**Fibre:** InfiniCor® SX+ OM3, InfiniCor® 600 OM2, InfiniCor® 300 OM1, SMF 28e™ OS1/OS2

## Applications

Corning Cable Systems' LANscape® IPOC™ Connector and Splice Panels provides a single housing for convenient pigtail splicing of multimode (including the laser enhanced InfiniCor® OM3 fibre), and single-mode fibres. The IPOC panel is ideal for all types of network designs including stand alone and basic installations. The LANscape IPOC Panel is a rack mounted solution that can be used in premise applications in the main cross-connect, or intermediate cross-connect locations.



Example with 12 SC-Duplex

## Description

Corning Cable Systems LANscape IPOC Panels include the benefits of a connector panel and a splice panel. This cost-effective design provides a fiber dense solution that saves valuable rack space. Corning Cable Systems recommends the use of the LANscape IPOC panel fully loaded with pigtails to save valuable installation time and to assure factory tested quality.

The LANscape IPOC Panel can be ordered for fiber counts of 12 or 24 for all connectors. The IPOC Panel is also available with 48 fibers for LC and SC Duplex and MT-RJ connectors.

## Features / Benefits

- Ideal for fibre optic pigtail splicing
- Allows easy access to splice area, through slide out drawer
- Routing guides supplied for easy installation
- Available with 62.5 µm, 50 µm, OM3 and single-mode Corning fibres
- 12, 24 and 48 fibre capacity; 48 fibres for LC Duplex, SC Duplex and MT-RJ
- Hinged opening for splice tray to allow easy access of second tray
- Each splice tray accepts 24 crimp or heat-shrink splice protectors
- 4 rear cable entries (optional for 2 x M20 and 2 x M25 glands)
- Interchangeable brackets for installation in 48 cm (19 in) and ETSI Racks
- Housing colour options: light grey RAL 7035 and black RAL 9005

## Technical Data

- Dimensions (H x W x D): 45 x 483 x 210 mm
- Weight (fully loaded): 2.5 kg

## Ordering Information

Use the following options to construct the order number:

IPOC-CP \_ \_ - \_ - \_ - \_ - \_  
           1   2   3   4   5

### **1 Select fibre count**

12 = 12 Fibres

24 = 24 Fibres

48 = 48 Fibres\*

\*48 Fibres available for LC-Duplex-, SC-Duplex and MTRJ configuration only

### **2 Select adapter type**

#### Adapter Options:

##### **ST® Compatible**

**15** = ST MM (OM1/OM2) Threaded metal housing, Ceramic insert, without marking ring

**19** = ST SM (OS1/OS2) Threaded metal housing, Ceramic insert, with blue marking ring

**E5** = ST MM (OM3) Threaded metal housing, Ceramic insert, with aqua marking ring

##### **FC**

**11** = FC, Threaded Metal Housing, Ceramic insert

##### **LC Duplex**

**04** = LC Duplex/UPC SM, Blue, Composite Housing, Ceramic insert

**B3** = LC Duplex/APC SM, Green, Composite Housing, Ceramic insert

**05** = LC Duplex 62.5/125 OM1, Beige, Composite Housing, Ceramic insert

**D3** = LC Duplex 50/125 OM2, Black, Composite Housing, Ceramic insert

**E4** = LC Duplex 50/125 OM3, Aqua, Composite Housing, Ceramic insert

##### **E2000**

**P1** = E2000/APC SM OS1, Green, Composite housing, Ceramic insert

**P2** = E2000/UPC SM OS1, Blue, Composite housing, Ceramic insert

**P3** = E-2000/PC OM1/OM2 Beige, Composite housing, Ceramic insert

##### **SC Simplex**

**5C** = SC/UPC Simplex SM OS1, Blue, Composite housing, Ceramic insert

**6C** = SC/APC Simplex SM OS1, Green, Composite housing, Ceramic insert

**G6** = SC Simplex 50/125 OM2, Black, Composite housing, Ceramic insert

**P4** = SC Duplex 50/125 OM2, Black, Composite housing, Metal insert

**E6** = SC Simplex 50/125 OM3, Aqua, Composite housing, Ceramic insert

##### **SC Duplex**

**72** = SC/UPC Duplex SM OS1, Blue, Composite housing, Ceramic insert

**D9** = SC/APC Duplex SM OS1, Green, Composite housing, Ceramic insert

**57** = SC Duplex 62.5/125 OM1, Beige, Composite housing, Ceramic insert

**P5** = SC Duplex 50/125 OM2, Black, Composite housing, Metal insert

**G7** = SC Duplex 50/125 OM2, Black, Composite housing, Ceramic insert

**E7** = SC Duplex 50/125 OM3, Aqua, Composite housing, Ceramic insert

##### **MT-RJ**

**87** = MTRJ SM OS1 Blue, Composite housing

**86** = MTRJ 62.5/125 OM1, White Composite housing

**G1** = MTRJ 50/125 OM2, Black Composite housing

**E1** = MTRJ 50/125 OM3, Aqua Composite housing

#### **Please note:**

OM1 = 62,5µm / Beige

OM2 = 50µm / Black

OM3 = 50µm / Aqua

OS1/OS2 = 9µm / UPC / Blue

OS1/OS2 = 9µm / APC / Green

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1 2 3 4 5

### 3 Select Pigtail

**02** = LC UPC, single-mode  
**03** = LC, multimode  
**19** = E-2000-APC, single-mode  
**20** = E-2000, single-mode  
**39** = SC, multimode  
**50** = ST (compatible), multimode  
**54** = FC, single-mode  
**58** = SC UPC, single-mode  
**61** = ST-(compatible) UPC, single-mode  
**65** = SC-APC, single-mode  
**86** = MT-RJ, multimode (with Pins)  
**87** = MT-RJ, single-mode (with Pins)

### 4 Select fibre type

**K** = Laser-optimized, multimode (62.5/125µm) OM1  
**C** = Laser-optimized, multimode fibre (50/125µm) OM2  
**S** = Laser-optimized, multimode fibre, (50/125µm) OM3  
**R** = Single mode fibre, SMF28e (9/125) OS1

### 5 Select housing colour

(blank) = light grey  
**BK** = Black

### 5 Select splice tray\*

**S1** = MFT for heat-shrink splice  
**S2** = MFT for heat-shrink splice with protectors  
**S3** = MFT for crimp splice  
**S4** = MFT for crimp splice with protectors  
**S0** = No splice tray

\* The MFT splice tray can hold up to a max of 24 splices with either crimp or heat shrink protectors. Two splice trays are included per IPOC connector panel.

### Examples

Order number	Description	Quantity per Delivery unit
IPOC-CP24-25-50C-S4	24 multimode 50/125 µm connector panel with 24 ST composite insert adapters, 24 ST pigtails	1/1
IPOC-CP24-25-50C-S4-BK	24 multimode 50/125 µm connector panel with 24 ST composite insert adapters, 24 ST pigtails, black housing	1/1
IPOC-CP24-P5-39C-S4	24 multimode 50/125 µm fibre connector panel with 12 SC Duplex metal insert adapters, 24 SC pigtails	1/1
IPOC-CP24-P5-39C-S4-BK	24 multimode 50/125 µm fibre connector panel with 12 SC Duplex metal Insert adapters, 24 SC pigtails, black housing	1/1
IPOC-CP24-D3-03C-S4	24 multimode 50/125 µm fibre connector panel with 12 LC duplex ceramic insert adapters, 24 LC pigtails	1/1
IPOC-CP24-D3-03C-S4-BK	24 multimode 50/125 µm fibre connector panel with 12 LC duplex ceramic insert adapters, 24 LC pigtails, black housing	1/1
IPOC-CP24-G1-86C-S4	24 multimode 50/125 µm fibre connector panel with 12 MT-RJ adapters, 12 MT-RJ 2-fiber pigtails	1/1
IPOC-CP24-E1-86S-S4	24 50/125 µm OM3 fibre connector panel with 12 MT-RJ adapters, 12 MT-RJ 2-fiber pigtails	1/1
IPOC-CP24-11-54R-S4	24 single-mode fibre connector panel with 24 FC ceramic insert adapters, 24 FC pigtails	1/1
IPOC-CP24-P2-20R-S4	24 single-mode fibre connector panel with 24 E2000 ceramic insert adapters, 24 E2000 pigtails	1/1

### Accessories

LAXLSW-00000-C016	M25 Cable Entry Gland	10/1
LAXLSW-00000-C017	M20 Cable Entry Gland	10/1
S46998-A4-A40	MFT Heat-Shrink Splice Tray for max. 24 Heat-shrink Splice Protector	10/1
S46998-A4-A41	MFT Crimp Splice Tray for max. 24 Crimp Splice Protector	10/1
S46998-A4-A48	MFT Splice Tray Cover	10/1
CSP-1	Crimp Splice Protector, length: 22 mm	150/1
S46999-A16-A4	Heat-Shrink Splice Protectors, length: 60 mm	150/1
S46998-A4-A29	Heat-Shrink Splice Protector, length: 45 mm	100/1
WAXWSW-00000-C007	Cable Management Panel 19 in., 1U, high-grade steel	1/1
WAXWSW-00008-C007	Cable Management Panel 19 in., 1U, black	1/1