

IPOC Connector Panel

Product Description

Corning
Cable Systems

Applications

Corning Cable Systems' IPOC Connector and Splice Panels provides a single housing for convenient pigtail splicing of single-mode and multimode fiber. The IPOC panel is ideal for all types of network designs including stand alone and basic installations.

Description

Corning Cable Systems 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 IPOC panel fully loaded with pigtails to save valuable installation time and to assure factory tested quality. The IPOC Panel is a rack mounted solution that can be used in premise applications in the main cross-connect, or intermediate cross-connect locations. The 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 SC Duplex, LC Duplex and MT-RJ connectors.

Features

- Ideal for fiber 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 fibers
- 12, 24 and 48 fiber capacity
- 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 19" and ETSI Racks



IPOC Panel

Content

1. Patchpanel, including adapter, pigtails and splice trays
2. Side flanges 19" / ETSI
3. Screws and cage nut
4. Cable management clips

Specifications

Dimensions

Type	Height (mm)	Width (mm)	Depth (mm)	Shipping Weight fully loaded (kg)
IPOC Connector Panel	45 (1U)	483 (19")	210	2.5

Ordering Information

Use the following options to construct the part number:

IPOC - CP - - - - -

1 Select fiber count.

- 06 = 6 fibers
- 08 = 8 fibers
- 12 = 12 fibers
- 24 = 24 fibers
- 32 = 32 fibers (for LC, SC Duplex and MT-RJ)
- 48 = 48 fibers (for LC, SC Duplex and MT-RJ)

2 Select adapters.

Singlemode E9

- 19 = ST, threaded, composite housing, ceramic insert
- 11 = FC, metal housing, ceramic insert
- 04 = LC duplex, composite housing, ceramic insert
- 72 = SC duplex, composite housing, ceramic insert
- 6C = SC/APC simplex, comp. housing, ceramic insert
- D9 = SC/APC duplex, comp. housing, ceramic insert
- P1 = E2000/APC, composite housing, ceramic insert
- P2 = E2000, composite housing, ceramic insert
- 87 = MT-RJ, composite housing

Multimode G50

- D3 = LC duplex, composite housing, ceramic insert
- P4 = SC simplex, composite housing, metal insert
- G7 = SC duplex, composite housing, ceramic insert
- P5 = SC duplex, composite housing, metal insert
- G1 = MT-RJ, composite housing
- 25 = ST, threaded, composite housing, composite insert
- 15 = ST, threaded, composite housing, ceramic insert

Multimode G50, OM3

- E4 = LC duplex, composite housing, ceramic insert
- E7 = SC duplex, composite housing, ceramic insert
- E1 = MT-RJ, composite housing

Multimode G62.5

- 05 = LC duplex, composite housing, ceramic insert
- 57 = SC duplex, composite housing, ceramic insert
- 91 = SC duplex, composite housing, composite insert
- 86 = MT-RJ, composite housing
- 25 = ST, threaded composite housing, composite insert
- 15 = ST, threaded, composite housing, ceramic insert

3 Select pigtail code.

Singlemode pigtails

- 61 = ST/UPC
- 58 = SC/UPC
- 65 = SC/APC
- 02 = LC/UPC
- 54 = FC
- 19 = E2000/APC
- 20 = E2000
- 87 = MT-RJ (with pins)

Multimode pigtails

- 03 = LC multimode
- 39 = SC multimode
- 50 = ST multimode
- 86 = MT-RJ multimode (with pins)

4 Select fiber type.

- R = Singlemode E9/125 μm
- K = G62.5/125 μm (OM1)
- C = G50/125 μm (OM2)
- S = G50/125 μm (OM3)

5 Select splice tray option.

- S1 = MFT for heat-shrink splice without protectors
- S2 = MFT for heat-shrink splice with protectors
- S3 = MFT for crimp without protectors
- S4 = MFT for crimp with protectors
- S0 = No splice tray

6 Select housing color option.

- (blank) = Light grey
- BK = Black

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Ordering Information

Examples

Order No.	Pos.	Type	Description	Pieces
IPOC-CP24-19-61R-S2	1	IPOC, 24 ST	Connector panel with 24 ST ceramic insert adapters, 24 ST pigtails, MFT splice trays for heat shrink and 24 heat shrink protectors	
IPOC-CP48-72-58R-S2	2	IPOC, 48 SC-Duplex	Connector panel with 24 SC Duplex ceramic insert adapters, 48 SC pigtails, MFT splice trays for heat shrink and 48 heat shrink protectors	
IPOC-CP48-04-02R-S2	3	IPOC, 48 LC-Duplex	Connector panel with 24 LC Duplex ceramic insert adapters, 48 LC pigtails, MFT splice trays for heat shrink and 48 heat shrink protectors	
IPOC-CP24-11-54R-S2	4	IPOC, 24 FC	Connector panel with 24 FC ceramic insert adapters, 24 FC pigtails, MFT splice trays for heat shrink and 24 heat shrink protectors	
IPOC-CP24-P2-20R-S2	5	IPOC, 24 E2000	Connector panel with 24 E2000 ceramic insert adapters, 24 E2000 pigtails, MFT splice trays for heat shrink and 24 heat shrink protectors	
IPOC-CP24-P1-19R-S2	6	IPOC, 24 E2000 APC	Connector panel with 24 E2000 APC ceramic insert adapters, 24 E2000 APC pigtails, MFT splice trays for heat shrink and 24 heat shrink protectors	

Accessories

LAXLSW-00000-C016	7	M25 Cable Entry Gland		10
LAXLSW-00000-C017	8	M20 Cable Entry Gland		10
S46998-A4-A40	9	MFT Heat-Shrink Splice Tray	for max. 24 Heat-shrink Splice Protector	10
S46998-A4-A41	10	MFT Crimp Splice Tray	for max. 24 Crimp Splice Protector	10
C46197-K11-C8	11	MFT Splice Tray Cover		1
CSP-1	12	Crimp Splice Protector	length: 22 mm	150
S46999-A16-A4	13	Heat-Shrink Splice Protectors	length: 60 mm	100
S46998-A14-A29	14	Heat-Shrink Splice Protector	length: 45 mm	100