

HIGH-DENSITY MTP/MPO FIBRE PATCH PANEL

Norden High-Density MTP/MPO Fibre Optic Patch Panels are designed for faster connection and distribution. These patch panels help terminate backbone cables in the Main Distribution Area (MDA). They are available with 1U and 4U, suitable for standard 19" racks. These Norden Patch Panels can accommodate LC & SC MTP/MPO Cassettes. It's the ideal equipment for supporting fibre distribution in the high-density



FEATURES

- 19" rack installation
- Mini size MTP/MPO module, special design for saving space, high capacity
- Cassette Modules can support LC & SC Adaptors
- Drawer type, easy to install, convenient to fibre arrangement, save construction cost

APPLICATION

Data centre, Network room

DESIGN & MATERIALS

Mounting Type	19" Rack			
Material	Aluminium			
Panel Fibre Capacity & Module Qty:	Size	Fibre Capacity (LC/SC)	Drawer Qty	Module Qty
	1U	144/72	1	6
	2U	288/144	2	12
	3U	432/216	3	18
	4U	576/288	4	24
Operating Temperature	-20°C ~ +60°C			
Storage Temperature	-30°C ~ +70°C			
Relative humidity	≤85%			
Atmospheric Pressure	70 kPa~106kPa			
Colour	Grey, Customization available			

CASSETTES SPECIFICATIONS

Material	ABS - UL 94 V - 0
Dimension	136x66x36mm
Number of Adaptors Front (Pcs)	6
Adaptor Type (Front)	LC Quad, SC Duplex (without Flange)
Number of MTP/MPO Adaptor Rear (Pcs)	2
Polish	PC,UPC,APC
Polarity	Type A, Type B & Universal
Fibre Count	LC:24 , SC: 12
Ribbon Cable Length	350 mm
Insertion Loss	Single Mode: Stand IL 0.75dB Max.
	Ultra Low IL 0.35dB Max.
	Multimode: Stand IL 0.6dB max.
	Ultra Low IL 0.35dB Max.
Return Loss	Single Mode: ≥60dB
	Multimode: ≥20dB

* Note: Only the US Conec MTP® connector can meet the IL value mentioned above.

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PANNEL ORDERING INFORMATION

Part Number	Description	Dimension
745-1A06X	High-Density MTP/MPO Fibre Patch Panel 1U, Unloaded	482.6X44.4X420
745-2B12X	High-Density MTP/MPO Fibre Patch Panel 2U, Unloaded	482.6X88.9X420
745-3C18X	High-Density MTP/MPO Fibre Patch Panel 3U, Unloaded	482.6X133.3X420
745-4D24X	High-Density MTP/MPO Fibre Patch Panel 4U, Unloaded	482.6X177.8X420
BL-01X	Blank Module	

CASSETTE ORDERING GUIDE

MTP/MPO Loaded	Cassette Type	Connector Gender	Cassette Front End Connector	MTP/MPO Connector Polish Types	Cassette Front End Connector Polish Types	Rear MTP/MPO Adaptors	Polarity	Fibre Types	Colour (X)
746	P: MPO std R: MTP ULL S: MPO ULL	M: Male F: Female	L: LC Quad S: SC Duplex	1: PC 2:UPC 3:APC	1: PC 2:UPC 3:APC	LC Cassette 1 : 1 X 24 F 2 : 2 X 12 F 4 : 1 X 12 F 5 : 3 X 08 F SC Cassette 3 : 1 X 12 F	A: Type A B: Type B U: Universal	OM3:MM OM4:MM OM5:MM OS2: SM 7A1 : G657.A1 7A2 : G657.A2	X

** Only Ultra Low Loss (ULL) connector type is available for MTP Cassette **

** For Single Mode MTP connectors, only the APC polish type should be chosen. **

For Example:

2 x MTP12 - LC/UPC Quad

746 R F L 2 2 2 B OM4 X

Description: 2 x MTP12/UPC Ultra Low Loss ,Female - LC/UPC Quad MM OM4, Type B Loaded Cassette

1xMPO12-SC/PC Duplex

746 P M S 1 3 B OM4 X

Description: 1xMPO12 Male-SC/PC Duplex MM OM3, Type B Loaded Cassette