

MTP/MPO HIGH-DENSITY FIBRE OPTIC PATCH PANEL

MTP/MPO high-capacity fibre optic Patch Panel supports fibre cable fast connection and distribution. It loads MTP/MPO and ribbons fibre cable inside, easy to use by connector plug. It is an ideal equipment for supporting fibre distribution in the highdensity capacity data centre.



FEATURES

- Standard 1U height, 19inch rack mounted, suitable for cabinet, rack installation
- The panel support max 96 fibre connection and distribution
- The mounting hanger can be adjusted forward and backwards
- For convenient operation panel comes with sliding rails
- The panel comes with cable fixing kit at back side
- Cable management rings at front side of patch panel to proper cable patching.
- The panel comes with front and rear metal doors for smooth operation

APPLICATION

Data centre, Network room

PANEL DESIGN & MATERIALS

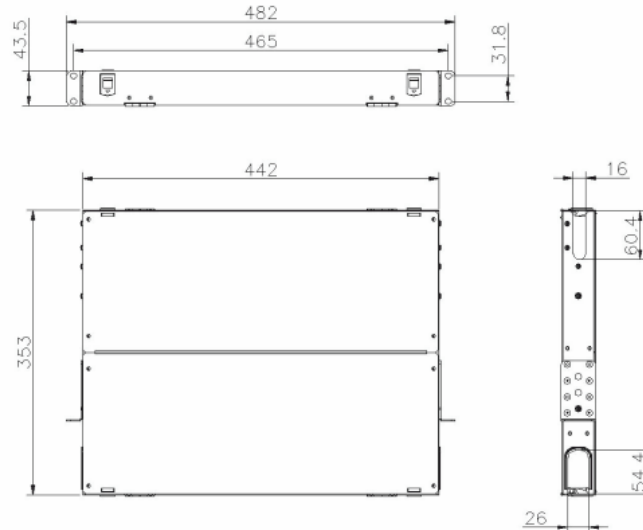
Mounting Type	Rack, 1U
Max Capacity	96 Fibres
Material	Cold Roll Steel With Electrostatic Spraying
Cassette Qty	4 pcs
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-30°C~+70°C
Relative humidity	≤85%
Atmospheric Pressure	70 kPa~106kPa
Colour	Black, Grey

MTP/MPO – LC MODULE CASSETTE SPECIFICATION

Material	PC material with front transparent cover
Number of Adaptors Front (Pcs)	12
Adaptor Type (Front)	LC Duplex, SC Simplex (without flange)
Polish	PC, UPC or APC
Number of MTP/MPO Adaptor Rear (Pcs)	2
MTP/MPO Adaptor Polishing	PC, APC or UPC
Polarity	Type A, Type B & Universal
Fibre Count	LC: 24, SC: 12
Ribbon Cable length	350 mm
Insertion Loss of MTP/MPO	SMF :≤ 0.35dB, MMF :≤ 0.35dB
Return Loss of MTP/MPO	SMF :≥ 55dB, MMF :≥ 20dB
Insertion Loss of LC	SMF :≤ 0.25dB, MMF :≤ 0.2dB
Return Loss of LC	SMF :≥ 50dB, MMF :≥ 30dB
Operating Temperature	-20°C ~ +60°C

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DRAWING



PANEL ACCESSORIES :

Item	Name	Specification	Qty
1	Mounting hanger	75 X 19.8 X 43.5mm	2pcs
2	Round head screw with washer	M4 X 6/metal/Bright chrome	4pcs
3	Countersunk head screw	M4 X 8/metal/Bright chrome	8pcs
4	Plastic cable management rings	ABS/Black	2pcs
5	Nylon cable tie	3mm X 120mm/white	10pcs

PANEL ORDERING INFORMATION

Part Number	Description
NC07-HDX	MTP/MPO High-Density Fibre Optic Patch panel-1U, Unloaded

CASSETTE ORDERING GUIDE

MTP/MPO Loaded	Cassette Type	Connector Gender	Cassette Front End Connector	MTP/MPO Adaptor Polish Types	Cassette Front End Connector Polish Types	Rear MTP/MPO Adaptors	Polarity	Fibre Types	Colour (X)
NC07	P: MPO STD R: MTP ULL S: MPO ULL	M: Male F: Female	L: LC Duplex S: SC Simplex	1: PC 2:UPC 3:APC	1: PC 2:UPC 3:APC	1: 1 X 12 Adaptor 2: 2 X 12 Adaptor 3: 1 X 24 Adaptor	A: Type A B: Type B U: Universal	OS2 : SM OM3: OM3 OM4:OM4 OM5:OM5	GY: Grey

** 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:

2XMPO 12/PC Std – LC Duplex

NC07 P F L 1 1 2 B OM4 GY

Description: 2 X MP012/PC Female-LC/PC Duplex, Std , Type B, MM OM4 loaded cassette

1XMTP 24/UPC ULL– LC Duplex

NC07 R F L 2 2 3 B OM4 GY

Description: 1 X MTP 24/UPC Female-LC/UPC Duplex, Ultra-Low Loss, Type B, MM OM4 loaded cassette

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