

## MTP/MPO HIGH-DENSITY PATCH PANEL

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



### FEATURES

- High Density 1U 96 Cores.
- Drawer type, with PC material front transparent cover, convenient for observation and maintenance.
- The panel cover is easy to open and close by using the button.
- The panel has a locking device to prevent the drawer from falling when moved.
- The Panel has Two oval ports for cable entries on the rear Side compact design & Easy to install.

### APPLICATION

Data centre, Network room

### DESIGN & MATERIALS

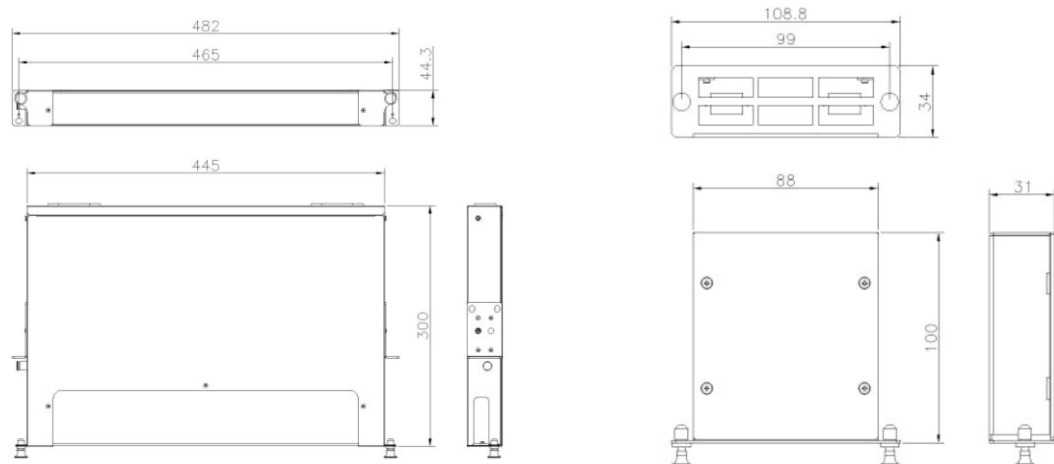
|                       |                           |
|-----------------------|---------------------------|
| Mounting Type         | Rack, 1U                  |
| Max Capacity          | 96 Fibres                 |
| Dimension             | 480(W)x300(D)x44.3 (H) mm |
| Cassette Qty          | 4 pcs                     |
| Operating Temperature | -20°C ~ +60°C             |
| Storage Temperature   | -30°C~+70°C               |
| Relative humidity     | ≤85%                      |
| Atmospheric Pressure  | 70 kPa~106kPa             |
| Colour                | Black                     |

### MTP/MPO – LC MODULE CASSETTE SPECIFICATION

|                                       |  |
|---------------------------------------|--|
| Material                              | Cold roll steel; PC material front transparent cover |
| Colour                                | Black  |
| Dimension                             | 88x100x31 mm   |
| Number of Adaptors Front (Pcs)        | 6  |
| Adaptor Type (Front)                  | LC Quad ( without flange)                            |
| Polish                                | UPC or APC   |
| Number of MTP/MPO Adaptor Rear ( Pcs) | 2  |
| MTP/MPO Adaptor Polishing             | APC or UPC   |
| Polarity                              | Type A, Type B, Type C                               |
| Fibre Count                           | 24   |
| 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  |

# MTP/MPO HIGH-DENSITY PATCH PANEL

## DRAWING



## PANEL ORDERING INFORMATION

| Part Number | Description                         |
|-------------|-------------------------------------|
| 74A-88RX    | MTP/MPO High-Density Patch panel 1U |
| 74B-66X     | Blank Cassette                      |

## CASSETTE ORDERING GUIDE

| MTP/MPO Loaded | Cassette Type  | Connector Gender     | Cassette Front End Connector | Polish                  | Rear MTP/MPO Adaptors   | Polarity                               | Fibre Types                           | Colour (X) |
|----------------|--|----------------------|------------------------------|-------------------------|---|--|---------------------------------------|------------|
| 74C            | T: MTP std<br>P: MPO std<br>R: MTP ULL<br>S: MPO ULL | M: Male<br>F: Female | L: LC Quad<br>S: SC Duplex   | 1: PC<br>2:UPC<br>3:APC | 0: 1x08 Adaptor<br>A: 2x08 Adaptor<br>1: 1x12 Adaptor<br>2: 2x12 Adaptor<br>3: 1x24 Adaptor | A: Type A<br>B: Type B<br>U: Universal | OS2: SM<br>OM3:MM<br>OM4:MM<br>OM5:MM | BK:Black   |

### For Example:

1xMPO12-LC/UPC Quad

**74C** **P** **F** **L** **2** **1** **A** **OS2** **BK**

Description: 1xMPO12 Female-LC/UPC Quad SM OS2, Type A Loaded Cassette