

## 1U 144 fiber HD panel fixed type



### Description

1U 144 fiber HD panel designed for High-density product interconnection. Each panel installed with 12 modules, each module loaded with 1xMTP-6xLC duplex patchcord, which can install maximum 144 fiber products, suitable for the link of MTP to LC trunk cables.

This configuration significantly improves cabinet space utilization, suitable for scenarios such as data center backbone interconnection, enterprise core server room cabling, and high-speed network deployment. By using pre-terminated MTP to LC patchcords, it enables "plug-and-play" connectivity, greatly shortening deployment cycles.

### Features

- ◆ Less space more dense.
- ◆ Material is with high quality cold rolled steel.
- ◆ Hi-density design can install maximum 144 fiber products.
- ◆ ROHS compliant
- ◆ REACH compliant

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## Components

| Component    | Description                  | Color Available                   | Material |
|--------------|------------------------------|-----------------------------------|----------|
| Panel        | 144 Fiber Panel              | Black or customized               | SPCC     |
| Module       | 1x MTP-6xLC Duplex           | Transparent Grey                  | Plastic  |
| Adaptor      | 1x MTP                       | Grey/Green/Aqua/H-Violet          | Plastic  |
|              | 6x LC uniboot duplex         | Beige/Blue/Aqua/H-Violet          | Plastic  |
| MTP Assembly | 1x MTP connector             | Yellow/Aqua/H-Violet/Lime green   | Plastic  |
|              | 1x12 color LC 0.9mm pigtails | Beige/Blue/Aqua/Violet/Lime green | LSZH     |

## Parameter

| Type          | Insertion Loss                                                                   | Return loss        |
|---------------|----------------------------------------------------------------------------------|--------------------|
| MTP/PC Elite  | $\leq 0.35\text{dB}$                                                             | $\geq 20\text{dB}$ |
|               | $\leq 0.35\text{dB} + (L - 50\text{M}) * 3\text{dB/km}$ ( For $L > 50\text{M}$ ) | $\geq 20\text{dB}$ |
| MTP/APC Elite | $\leq 0.35\text{dB}$                                                             | $\geq 65\text{dB}$ |
| LC/PC         | $\leq 0.2\text{dB}$                                                              | $\geq 20\text{dB}$ |
| LC/UPC        | $\leq 0.25\text{dB}$                                                             | $\geq 55\text{dB}$ |
| LC/APC        | $\leq 0.25\text{dB}$                                                             | $\geq 65\text{dB}$ |