MPO HDF Patch Panel

Variants

4U 2U 1U

Details

Fiber Patch Panel (1U / 2U / 4U Rack Mount)

Fiber Patch Panels are essential components in fiber optic networks used for cable management, termination, and distribution. Available in 1U, 2U, and 4U sizes, these panels provide scalable solutions for small to large capacity fiber deployments in data centers, ISP networks, and enterprise environments.

Patch Panel Comparison

Type	Height	Slots	Fiber Capacity	Best Use
1U Patch Panel	44 mm	4 – 6 (up to 12 UHD)	96F – 288F	Small rack / edge cabling
2U Patch Panel	89 mm	8 – 12 (up to 24 UHD)	192F – 576F	Medium capacity networks
4U Patch Panel	178 mm	16 – 24 (up to 48 UHD)	384F – 1152F	High capacity / backbone network

Key Features

Modular design with UHD cassette support

High fiber density for efficient space utilization
Easy installation and cable management
Rack mount standard 19-inch compatibility
Durable metal enclosure for long-term reliability
Suitable for LC, SC, MPO, and high-density solutions

Applications

FTTH and ISP fiber distribution networks
Data center fiber management
Enterprise and campus networks
Backbone and long-distance fiber infrastructure

Note: Select the patch panel size based on required fiber capacity and future expansion needs. UHD cassette support allows flexible scaling.

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