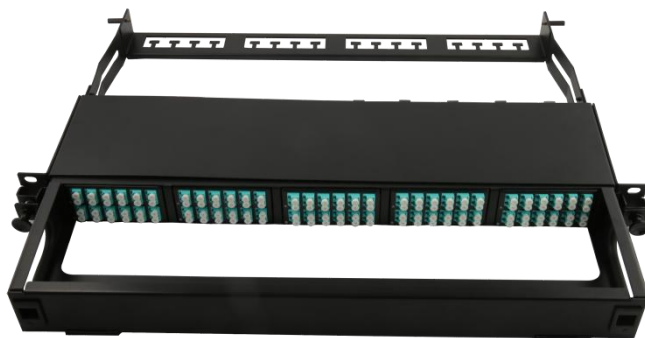


1U 120 fiber enhanced patch panel



Description

This 1U 19-inch standard rack-mount patch panel integrates 5 independent 24-fiber MTP-LC cassettes, delivering a total of 120 LC ports in just 1 rack unit space. It acts as a dedicated transition hub that breaks out high-fiber-count MTP backbone trunks into standard LC interfaces, creating a seamless structured interconnection between MDA main cross-connect zones and EDA server racks for 10G/40G/100G high-speed networks.

Features

- ◆ Less space more dense.
- ◆ Material is with high quality cold rolled steel.
- ◆ Can install maximum 120 fiber products.
- ◆ ROHS compliant
- ◆ REACH compliant
- ◆ Durability : 500 times mating

Components

Component	Description	Color Available	Material
Module	2X MTP-12xLC Duplex	Black or customized	SPCC
Adaptor	2 X MTP	Grey/Green/Aqua/H-Violet	Plastic
	12X LC duplex	Beige/Blue/Aqua/H-Violet	Plastic
MTP Assembly	2XMTP connector	Yellow/Aqua/H-Violet/Lime green	Plastic
	2X12 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	$\leq 0.25\text{dB}$	$\geq 65\text{dB}$