

144 Fiber MTP Panel Straight



Description

This 144 fiber MTP patch panel eliminates the traditional MTP-to-LC module box structure, realizing a fully straight-through physical path from the rear 144-fiber MTP interface to the front 144 LC duplex ports. Without extra transition links inside, every single fiber runs through the panel in an unobstructed layout, which removes the redundant connection points that exist in conventional modular solutions, and maximizes the utilization of the 19-inch standard 1U rack space to reach the full 144-core capacity.

Features

- ◆ Low Insertion Loss End-to-End transmission performance
- ◆ Simplified cable management
- ◆ Material is with high quality cold rolled steel.
- ◆ Can install maximum 144 fiber products.
- ◆ ROHS compliant
- ◆ REACH compliant
- ◆ Durability : 500 times mating

Components

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Component	Description	Color Available	Material
Adaptor	12 X MTP	Grey/Green/Aqua/H-Violet	Plastic
	12X 6 ways LC adapter	Beige/Blue/Aqua/H-Violet	Plastic
MTP-LC Assembly	12XMTP connector	Yellow/Aqua/H-Violet/Lime green	Plastic
	12X12 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	$\leq 0.25\text{dB}$	$\geq 65\text{dB}$