

MPO/MTP Cassette Management Panel

Description

Takfly series rackmounted patch panel is designed to manage and house easy-plug MPO/MTP to LC fiber cassette modules, for connecting plug-and-play pre-terminated high density MPO/MTP Fiber cabling system. This solution contributes to greater network availability that especially suitable for SAN, LAN and Data Center applications. Each easy-plug MPO/MTP to LC cassette is accommodated with a 12/24-fiber MPO/MTP based fiber assemblies, and pre-loaded with LC adapters in different fiber modes for your choices.



Application

- For installing inside easy-plug cassette modules(19")
- For installing inside Network cabinet
- CATV
- LAN
- WAN
- FTTX

Features

- ◆ Installed in 19 inch rack-mount and cabinet, application for cassette modules centralized management.
- ◆ 1U high-density size capacity 96 fibers for LC interface
- ◆ 2U high-density size capacity 192 fibers for LC interface
- ◆ 3U high-density size capacity 288 fibers for LC interface
- ◆ Using the definitely Material of Metal.
- ◆ This system is modular in design, the higher density. Special designed ultra-small MTP/MPO modular box which save more space.
- ◆ Each box allocate 12pcs or 24pcs LC adapters and switch to MPO/MTP connections.
- ◆ Using unique tool-free installation design so that patching system can be fast assembled and installed without any tools and complex operations.

Parameter

Fiber type	SM (G652, G655,G657); MM (OM1-OM5)	
Connector	Male(with PIN) , Female (without PIN)	LC
	MPO/MTP	
Insertion loss (dB)	Standard: $\leq 0.35/0.7$ (Typical/Max) Low Loss: $\leq 0.2/0.35$ (Typical/Max)	≤ 0.3
Return loss (Min)	APC SM: 60dB PC MM: 20dB	UPC SM: 50dB APC SM: 60dB UPC MM: 25dB
Test Wavelength (nm)	SM: 1310/1550 MM: 850/1300	
Repeatability	$\leq 0.1\text{dB}$	
Durability	$\leq 0.2\text{dB}$	
Interchangeability	$\leq 0.2\text{dB}$	
Bending radius (Dynamic/static)	20/10	
Product name	Racks	Cassette module
Size (L*W*H)	482.6*341.5*42.2mm	102*117.9*34mm
Product model	TK-HRF-1096A	TK-HRM-02
Material	1.2mm Cold-rolled steel	

Packaging

Box size	Weight per carton (kg)
430*530*100mm	5.3

Structure

Racks: TK-HRF-1096A

Cassette module: TK-HRM-02

