

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

- Data center
- Telecommunication networks
- CATV
- LAN
- WAN
- FTTX

Features

- ◆ Two ways of use are free collocation:
 - 1. Install MPO/MTP-LC Cassette module management
Up to 4 Small MPO/MTP modules in 1U Multiple adaptor options available Accepts loose tube, distribution and pre-terminated cables ROHS, REACH SvHC and UL rated Fits standard 19", sliding-type design, convenient for management.
 - 1U high-density size capacity 96 fibers for LC interface
 - 2U high-density size capacity 192 fibers for LC interface
 - 2. Install equipped with LC, SC, FC, and ST adapter panels fusion splice type
- ◆ Sliding-type design

Parameter

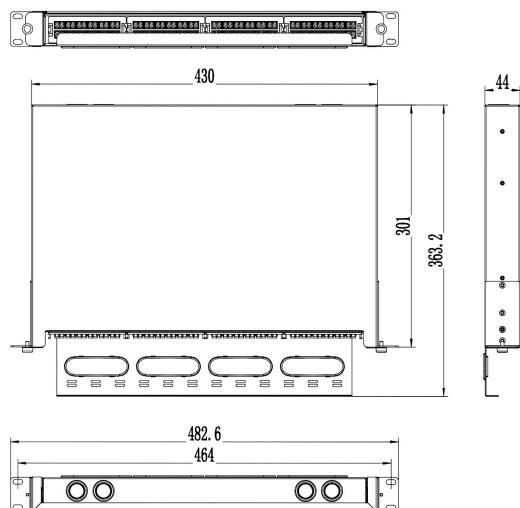
Fiber type	SM (G652, G655,G657); MM (OM1-OM5)	
Connector	Male(with PIN) , Female (without PIN)	LC
	MPO/MTP	
Insertion loss (dB)	Standard: $\leq 0.35/0.7$ (Typical/Max) Low Loss: $\leq 0.2/0.35$ (Typical/Max)	≤ 0.3
Return loss (Min)	APC SM: 60dB PC MM: 20dB	UPC SM: 50dB APC SM: 60dB UPC MM: 25dB
Test 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*363.2*44mm	97.49*123.41*32.8mm
Product model	TK-HRS-1096B	TK-HRM-03
Material	1.2mm~1.5mm Cold-rolled steel	

Packaging

Box size	Weight per carton (kg)
500*390*55mm	4.6

Structure

Racks: TK-HRS-1096B



Cassette module: TK-HRM-03

