

MTP/MPO Cassette Management Panel

Description

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



Application

- Data center
- Telecommunication networks

Features

- ◆ Three ways of use are free collocation:
 1. Install Pre-splicing cassette module, LC pigtail fusion type
 2. Install MPO/MTP-LC cassette module managementUp to 4 Small/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", convenient for management.
 - 1U high-density size capacity 96 fibers for LC interface
 - 3U high-density size capacity 288 fibers for LC interface
- 3. Install equipped with LC, SC, FC, and ST adapter panels fusion splice type
- ◆ Fixed type

Parameter

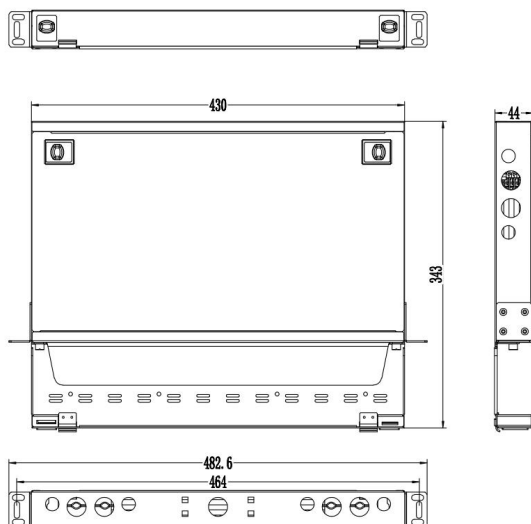
Fiber type	SM (G652, G655,G657); MM (OM1-OM5)	
Connector	Male(with PIN) , Female (without PIN)	LC
	MPO/MTP	
Insertion loss (dB)	Standard: $\leq 0.35/0.7$ (Typical/Max) Low Loss: $\leq 0.2/0.35$ (Typical/Max)	≤ 0.3
Return loss (Min)	APC SM:60dB PC MM: 20dB	UPC SM: 50dB APC SM: 60dB UPC MM: 25dB
Test Wavelength (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*343*44mm	96.5*160.1*32.7mm
Product model	TK-HRF-1096F	TK-HRM-04
Material	1.2mm~1.5mm Cold-rolled steel	

Packaging

Box size	Weight per carton (kg)
96.5*390*55mm	3.3

Structure

Racks: TK-HRF-1096F



Cassette module: TK-HRM-04

