

MPO/MTP Cassette Management Panel

Description

1U-19 inch MPO/MTP High-Density rack-mount fiber patch panel is designed for large data center room: MDF application, IDF wiring area optical fiber backbone connection, the fiber distribution unit management, and other the high-density integrated optical fiber environment etc. It is installed in 19 inch racks and cabinets.

1U 19inch MPO/MTP Patch Panel could load 4 Pre-connected cassette module, and the maximum capacity can be managed is 1152 cores for MPO interface or 96 cores for LC interface. Each independent pre-terminated module box is placed in the optical fiber distribution frame, to complete the full set patch panel.



Application

- Optical fiber communication dense wiring system between buildings.
- Optical link interconnection in optical active equipment for LAN cabling.
- Telecommunication base station.
- Data center room of industrial area.
- Data center room of commercial building.
- CATV
- LAN
- WAN
- FTTX

Features

- ◆ New brand high quality aluminum alloy material, sturdy and durable, electrostatic coating surface after the Strict production process
- ◆ Installed in 19 inch rack-mount and cabinet, application for cassette modules centralized management.
- ◆ 1U high-density size capacity 96 fibers for LC interface.
- ◆ Male or Female MPO/MTP connector are available. Connected and positioned by PIN and adaptor to achieve precise and high stable connection.
- ◆ Modular design, plug-in locking structure, the fiber has a clear line sequence identification, easy to test, install, remove and adjust the mating.
- ◆ The cassette module and patch panel are small in size, lightweight, impact-resistant, high-pressure, flame-retardant, corrosion-resistant, strong structure to protect the internal optical fiber, ultra-high sealing performance to facilitate dust-proof, innovative design for advanced network equipment.

Parameter

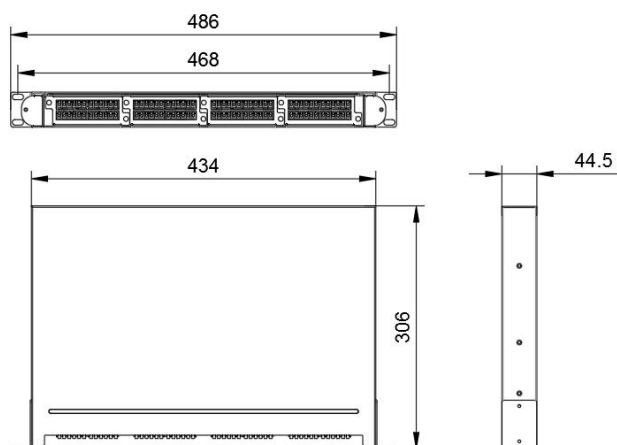
Fiber type	SM(G652, G655,G657); MM (OM1-OM5)		
Connector	Male(Pin needle), Female		LC
	MPO/MTP		
Cable Diameter (mm)	0.9/0.6		
Insertion loss (dB)	Standard: ≤0.35/0.7 (Typical/Max) Low Loss: ≤0.2/0.35 (Typical/Max)		≤ 0.3
Return loss (Min)	APC SM:60dB	PC MM: 20dB	UPC SM: 40dB APC SM: 60dB
Test Wavelength (nm)	SM: 1310/1550 MM: 850/1300		
Repeatability	≤ 0.1dB		
Durability	≤ 0.2dB		
Interchangeability	≤ 0.2dB		
Bending radius (Dynamic/static)	Min 40mm		
Product name	Racks		Cassette module
Size(L*W*H)	483*310*44.5mm		86*120*36.9mm
Product model	TK-HRS-1096E		TK-HRM-05
Material	Aluminum		

Packaging

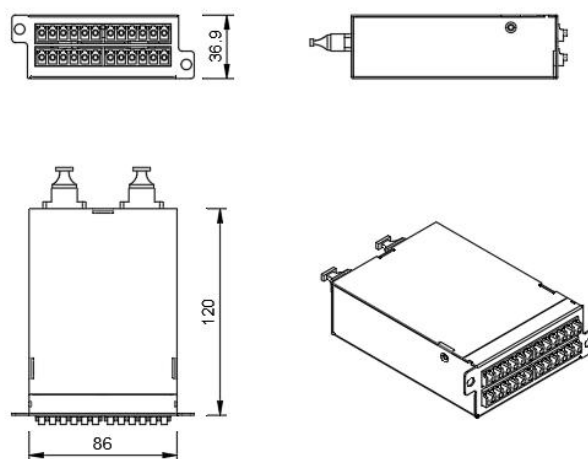
Weight	Inner box size	Outer box dimensions (5pcs/Box)	Weight per carton(kg)
3.2kg	520*350*55mm	530*290*365mm	16.5

Structure

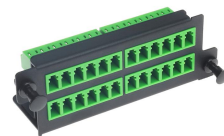
Racks: TK-HRS-1096E



Cassette module: TK-HRM-05



Configuration Scheme:

Model	Cassette module	Picture	Description
TK-HRS-1096E 	TK-HRM-05		2*MPO Ports rear 24*LC Ports in front Cassette module type
	TK-HRP-05		24*LC Ports in front Adaptor panel type
	TK-HRP-06		12*SC Ports in front Adaptor panel type
	TK-HRP-08		6*MPO Ports in front Adaptor panel type