

FHD Multimedia Modular Panel

Allows customization of installation for multimedia applications requiring integration of fiber optic and copper cables.



Description

FHD multimedia copper/fiber modular panel accepts copper couplers/keystone jacks and fiber adapters/keystone jacks. And with its standardized dimensions, it is suitable for easy snap-in mounting of six copper inline couplers or keystone jacks, and fiber optic adapters or keystone jacks. Compatible with FHD series fiber enclosures, it offers integrated cable management features, reduces required rack space and provides future proofing in system design.

Standards Compliance

- RoHS Compliant
- ISO9001 Certificate

Features

- Fully Compatible with All FHD Enclosures
- Plastic Clips Insert LC/SC/MTP®/MDC Adapters for Your Needs
- Hybrid Solution for Mixing Fiber and Copper Cabling
- Clear Numbering for Quick Fiber Identification
- Tool-less Snap Installation for Easier MACs
- Double-layer Panel for Stable Installation of Adapters

Application

FHD series fiber optic adapter panels (FAPs) are used with FHD rack mount and wall mount enclosures. Deploy medium to high-density fiber optic network applications as specified in the data center cabling standard for cross connects in main distribution, horizontal distribution, and equipment distribution areas.

Product Specifications

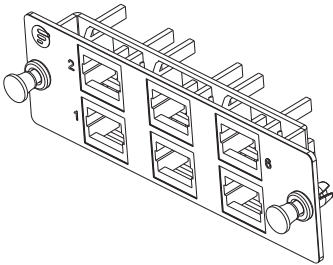
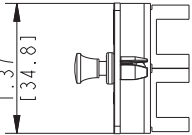
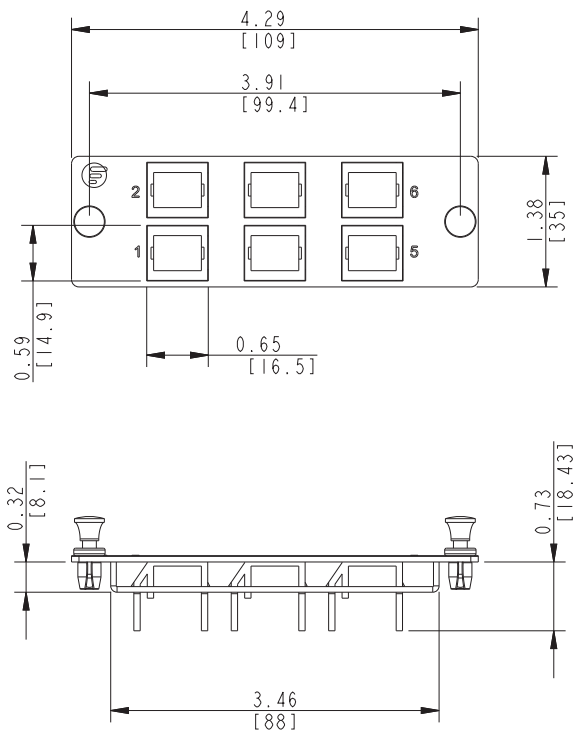
I. Product Constructions

Number of Port	6
Insert Style	Copper: Inline Couplers or Keystone Jacks Fiber: SC Simplex, SC Footprint Adapters (Without Flange) or Keystone Jacks
Color	Black
Material of Plate	Steel, Powder-coated Black
Dimensions (HxW)	1.38"x4.29" (35x109mm)
Included Accessories	6x Plastic Clips
Application	Matching for FHD Series Enclosures

II. Insert Capacity

Insert Adapter/Keystone Jack	Capacity/1U
LC Duplex	48 Fibers
SC Simplex	24 Fibers
MTP® Simplex	24 Ports
ST Simplex	24 Fibers
2-Port MDC Duplex	96 Fibers
Cat5e/6/6a	24 Ports

Technical Drawing



Dimensions are in inches. (Dimensions in parentheses are in millimeters).

Matching Products List

I. Fiber Optic Adapters

• LC-LC Duplex Adapters

	OS2		OM1/OM2	OM3	OM4
Polish Type	UPC	APC	UPC	UPC	UPC
ID Number	#76104	#76111	#63000	#76109	#76108

• MTP®/MPO-MTP®/MPO Adapters

Keyway	Up-Up	Up-Down
ID Number	#12072	-

• 2-Port MDC Duplex Adapters

Fiber Mode	OS2
Polish Type	UPC
ID Number	#141135

Note: The FHD-FAPM6 can only use with fiber adapters without flange.

II. Fiber Keystone Jacks

• LC-LC Duplex Keystone Jacks

Fiber Mode	OS2		OM1/OM2	OM3	OM4
Polish Type	UPC	APC	UPC	UPC	UPC
ID Number	#143313 #206437 (10Pcs/ Pack)	#143305 #206443 (10Pcs/ Pack)	-	#143316 #206441 (10Pcs/ Pack)	#143325 #206439 (10Pcs/ Pack)

• SC-SC Simplex Keystone Jacks

Fiber Mode	OS2		OM1/OM2	OM3	OM4
Polish Type	UPC	APC	UPC	UPC	UPC
ID Number	#143334	#143332 #206435 (10Pcs/ Pack)	-	#143341	#143342

• ST-ST Simplex Keystone Jacks

Fiber Mode	Single Mode	Multimode
Polish Type	UPC	UPC
ID Number	#151824	#151825

III. Copper Couplers & Jacks

• Inline Couplers

Product Type	Cat5e RJ45			Cat6 RJ45				Cat6a RJ45
Unshielded	#185864 (Black)	#185867 (Blue)	#185868 (Yellow)	#185870 (Black)	#185875 (Gray)	#185871 (Green)	#185877 (Orange)	#185880 (Black)
	#185869 (Green)	#185865 (White)		#185878 (Purple)	#185873 (Red)	#185872 (White)	#185874 (Yellow)	
Shielded		#41593	#185883		#41312	#185884		#118905 #185885

• Keystone Jacks

Product Type	Cat5e RJ45		Cat6 RJ45			Cat6a RJ45		Cat7 RJ45
Unshielded	#152420 (Black)	#152419 (Blue)	#152428 (Blue)	#152433 (Gray)	#152430 (Green)	#152439 (Black)	#152438 (Blue)	-
	#152424 (Gray)	#152422 (Red)	#152435 (Orange)	#152436 (Purple)	#152431 (Red)	#152440 (Green)	#152441 (White)	
	#152425 (White)		#152429 (Black)	#152432 (Yellow)				
Shielded	-		#144796			#144797		#158170

IV. Fiber Optic Enclosures

Description	ID Number	Part Number	Capacity
FHD 1U Sliding Rack Mount Enclosure	#70361	FHD-1UFCE	4 Ports
FHD 2U Sliding Rack Mount Enclosure	#73205	FHD-2UFCE	8 Ports
FHD 4U Sliding Rack Mount Enclosure	#73206	FHD-4UFCE	12 Ports
FHD 1U Fixed Rack Mount Enclosure	#96427	FHD-1UFMT-N	4 Ports
FHD 1U Sliding and Tilt-down Rack Mount Enclosure	#145167	FHD-1UFMT-S	4 Ports

FHD 1U Modular Rack Mount Enclosure	#70419	FHD-1U-CMP400	4 Ports
FHD 1U Blank Rack Mount Enclosure	#72910	FHD-FPP5DRL	4 Ports
FHD Wall Mount Enclosure	#50550	FHD-FWME2	2 Ports

V. Cable Managements

ID Number	Description
#72911	0U Metal Horizontal Cable Manager with 5 Detachable Plastic D-rings
#29038	1U Plastic Single Sided Horizontal Cable Manager with Finger Duct
#177305	1U Metal Horizontal Cable Manager with 5 D-rings
#120680	1U Metal Horizontal Cable Manager with 5 Detachable Plastic D-rings
#29033	1U Metal Horizontal Cable Manager with Brush Strip
#64186	5U Plastic Vertical Cable Manager with Bend Radius Finger