ZEMECS®

Product Datasheet

F8M-1B 19" Rack Type Modular Fiber Optic Patch Panel

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OVERVIEW

Zemecs F8M-1B series modular fiber optic patch panels are used for the termination and patching of fiber optic cables inside 19" rack cabinets The panels can be accommodate 8 to 48 ports upto 2RU height. Upto 24 couplers can be fixed into the replaceable front panel.

The sliding rail mechanism provides easy access to components. The front panel comes with unloaded modules, each allowing insertion of 6 pcs simplex , duplex or quad couplers. Standard product package includes splice tray, pigtail winding set and cable glands.

FEATURES

- 19" Rack mount termination
- Accommodates 6,12,18 or 24 couplers at 1RU height
- Compatible with SC, LC, ST, E2000, FC, MTRJ2000 connectors
- Sliding rail mechanism
- Dust covers at cable inlets
- Includes 1x12 splice tray

APPLICATIONS

- Device connectivity in 100G and 10G fiber optic networks
- FTTx
- Telecommunications
- CATV

COMPLIANCE

Standards For Mechanical Structures For Electronic Equipments		
• ANSI/EIA-310-E	• IEC 60917	• IEC 60297-2
• DIN 41494 (Section 1 & 7)	• EN 55022	• TS 822
• EN 61587-1:2016	• EN 60950-1	
Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments		
• 2011/65/EU (RoHS-2)		

ENVIRONMENTAL SPECIFICATIONS

Transportation and Storage Temperature	-40 / +85	ºC
Installation Temperature	-20 / +85	ºC
Operation Temperature	-20 / +85	ºC
Relative Humidity	10-90,Non-condensing	%

PHYSICAL SPECIFICATIONS

Housing Thickness	1,50 ± 0,1	mm.
Size (WxDxH)	484 x 250 x 44,0	mm.
Weight (Unloaded)	1,55	kg.
Cable Inlet #	4	

MATERIAL SPECIFICATIONS

COMPONENT	TYPE	MATERIAL	COLOUR
Housing	19" Rack Mount	Steel Sheet	Black(standard)
Front Panel	19" Rack Mount	Steel Sheet	Black(standard)
Cable Inlets	Gland	Hard Plastics	Black(standard)

PART NUMBER CODING

Part Nr.	Product Description
F8M-1B	Zemecs 19" 1U Main Unit (4x6) , Black
F8P-6D1B	6 Port SC Duplex Blank Panel For F8M-1B, Black
F8P-6D4B	6 Port SC Simplex/LC Duplex Blank Panel For F8M-1B, Black
F8P-60B	6 Port Blind Cover For F8M-1B, Black