



Sales Catalog of HNK Telecommunication Products

Fiber Optic Patch Panel

Fiber Optic Patch Panel Series

Fiber optic patch panel is an integrated unit for fiber management, we offer wall mounted fiber optic patch panel and rack mounted fiber optic patch panels, these equipment function is to fix and manage the fiber optic cables inside the box as well as provide protection.

Made of Cold Rolled Steel with corrosion-resistant black powder finish coat housing provides excellent protection for the inside fibers. Since these adaptor plates are versatile, they can be tailored to suit your individual needs in terms of density or management. A large variety of connector adaptors are offered to meet your specific requirements. Such as SC, FC, ST, LC, etc, we can also pre-install various kinds of fiber optic pigtails inside the patch panel.

Standards Compliance

- TIA/EIA 568.C, ISO/IEC 11801, EN50173, IEC60304, IEC61754, EN297-1
- CE/EIA-310-E (Cabinets, Racks, Panels and Associated Equipment standard.)
- ANSI/TIA/EIA-606-A (Administration Standard for Telecommunications Infrastructure.)
- GR-449-CORE (Generic Requirements and Design Consideration for Fiber Distributing Frames.)
- UL 94 (Tests for Flammability of Plastic Material for Parts in Devices and Appliances.)
- RoHS (Directive on Restriction of Hazardous Substances.)

Features

- Available in 1RU, 2RU, and 4RU Configurations, light in weight and robust structure.
- Multiple internal mounting holes for cable tie-down, fiber management or splice tray mounting.
- Equipped with routing guides to limit bend radius. fiber optic cable bend radius not less than 40mm.
- Suitable for tight buffered or loose-tube optical fiber cables.
- With various adaptor plates to fit different fiber Connector interface (ordered separately).

Ordering Information

Using the available configurations amend/create product codes using the formula below.

Part Number: XX-AA-BBC(DEF)

Ordering Guide

XX	Patch Panel Type	WPP =Wall Mount Patch Panel, RPP =Rack Mount Patch Panel
AA	Product ID	Please See the Reference Below
BB	Port Capacity	12=12 Ports, 18=18 Ports, 24=24 Ports, 36=36 Ports
C	Configuration	E=only patch pane, L=With Adaptor Panels, F=With Adaptor Panels and Pigtails
D	Connector Type	FP, SP, SA, LP
E	Fiber Type	OM1=62.5/125 OM1, OM2=50/125 OM2, OM3=50/125 OM3, OM4=50/125 OM4, G652D=9/125 G652D, G657A=9/125 G657A
F	Fiber Length	05=0.5M, 10=1M, 20=2M

Connector Type Code

Code	Connector	Code	Connector	Code	Connector	Code	Connector
FP	FC/PC	FA	FC/APC	LP	LC/PC	LA	LC/APC
SP	SC/PC	SA	SC/APC	TP	ST/PC	TA	ST/APC

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1U 36 Fibers Rack Mount Patch Panel With Front Cable Manager (RPP-FP)

RPP-FP is design to ensures professional cable management and ease of fiber termination with front cable manager. The wall-mount box is available with 18, 20, 22, 24 or 36 positions (termination/splice). RPP-FP can terminate up to 24 fibers for ST or FC connectors or 36 fibers with LC or SC connectors.



Features

- Sliding 1U patch panel with defined stop for the drawer.
- Management front cable patch cords.
- Providing protective connections for optical fibers and distribution pigtails.
- Providing spaces for placing fiber terminals and redundant fibers, thus making installation more convenient.
- 1U rackmount can be loaded with up to 3 Short adaptor plates (6-, 8-, or 12- fiber panels).
- Can load SC, FC, ST, LC adaptor, only change the different plates.

Specifications

Patch Panel		Adaptor	
Size (H×W×D) mm	1U(H) x 19" (W) x 330mm(D)	Multimode Insertion Loss	0.2dB Maximum
Material	1.2mm Cold Rolled Steel	Singlemode Insertion Loss	0.2dB Maximum
Material Coating	Powder	Mating durability	>500 Mating Cycles
Humidity	0-90%, non-condensing	Multimode Adaptor Wavelength	850 to 1300nm
Operating Temperature	-10°C to 60°C	Singlemode Adaptor Wavelength	1310 to 1550nm
Storage Temperature	-40°C to 85°C	ROHS Compliant	Yes

Ordering Sample

Part Number	Description
RPP-FP-E	1U RPP-FP Type Rack Mount Patch Panel Without Adaptor Plate And Pigtail.
RPP-FP-36FLPG652D15	1U 36 Fibers RPP-FP Type Rack Mount Patch Panel With Duplex LC/PC SM Adaptor And 1.5M Singlemode G652D LC/PC Pigtail.

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Adaptor Plate Series

HNK offers two type of adaptor plates for use in different fiber optic patch panel. Long type adaptor plate and short type adaptor plate. Our standard plates come in 6-, 8- and 12-pack styles and are constructed with a durable powder coated finish. These plates offer users the ability to add terminations incrementally. Simple captive push/pull fasteners make these plates easy to install and remove for service.

Short type adaptor plate are pre-loaded with 6 (single density), 8 (single density) or 12 (double density) adaptor. Blank adaptor plates shall be available to fill unused areas.

















Standards Compliance

Meets all applicable standards. Compliant with TIA/EIA-568-C.3

Features

- Offers flexibility in adding or changing connector style
- Captive push/pull fasteners allow for quick tool-less installation
- 6-, 8-, and 12-pack plates available, Blank plates available.
- Adaptor plates feature multiple style adaptors

Short Type Adaptor Plate

Part Number	Description	Drawing	
SAP-06ST	ST Adaptors with Plate, Fully Loaded-6 Ports		
SAP-08ST	ST Adaptors with Plate, Fully Loaded-8 Ports		
SAP-06FC	FC (D type) Adaptors with Plate, Fully Loaded-6 Ports		
SAP-08FC	FC (D type) Adaptors with Plate, Fully Loaded-8 Ports		
SAP-D12SC-CL	Duplex SC Adaptors with Plate, Fully Loaded-12 ports		
SAP-12LC-CL	Duplex LC Adaptors with Plate, Fully Loaded-12 ports		
SAP-24LC-CL	Quad LC Adaptors with Plate, Fully Loaded-12 ports		
SAP-00	Blank Adaptor Plate		



Note:

"CL"=Color(CL), "BL"="Blue", "BG"="Beige", "AQ"="Aqua", "GR"="Green".

Blue for Singlemode PC Adaptor Standard, Beige for Multimode Adaptor Standard, Aqua for OM3/OM4 Adaptor Standard and green for single mode APC Adaptor(Metal unsuited).