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High-Density 1RU Fiber Patch Panel

Holds up to 96 Fibers and Pre-Loaded with Adapters

The High-Density 1RU Fiber Patch Panel is used to house fiber terminations and accommodate patching of low and high density fiber cable breakouts while minimizing the space required in a rack.

The slim 1RU enclosure can be installed into EIA 19" or 23" equipment racks, and is designed to occupy the minimum amount of rack space while offering a generous capacity up to 96 fibers. Patch panels come pre-loaded with your choice of adapters.

It is constructed of durable powder coated steel with removable front connector panel and cover for easy access to fiber optic cables. The self sealing rubber grommets and internal fiber cable spools are included to provide convenient installation of the High-Density Fiber Patch Panel.

Key Features

- Includes rubber fiber grommets
- Removable front and top panels
- Includes internal cable management spools
- Comes complete with 19" and 23" rack ears
- Size: H1.75" x W17" x D8.0" – 1RU
- SC, ST, LC, MTRJ, or FC Adapters Available
- Made in USA

Accessories

The RLH fiber distribution units come complete with all the accessories needed for a professional installation. The units come preloaded with adaptors and storage spools. Inside packaged together is a set of cable ties, anchors and mounting hardware. The distribution unit can be ordered with jumpers pre- installed upon request. Contact your RLH representative for more information.



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USER GUIDE

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Rack Mounting

Choose a suitable 19"/23" equipment rack location, with room for the fiber routing and easy access to the interior. For 23" rack installations, use the included supplemental hardware to fasten the 23" rack adapter plates to the 19" rack ears. Pre-position the unit in the rack to plan out fiber cable routings and check for any potential problems with the location. Once the position is checked, fasten the unit to the equipment rack rails with the included rack mount hardware.

Installing Fiber Cables

Guidelines for handling terminated fiber cable

Choose a suitable location, with room for the door to open fully for easy access to the interior. Pre-position the patch panel to plan out cable routings and check for any potential problems with the location. The patch panel may be mounted in any orientation making it a flexible solution in the field.

Once the position is determined, mark out the mounting points and use the included hardware to mount the patch panel when mounting to wood surfaces. For all other mounting applications, use the appropriate mounting hardware as required.

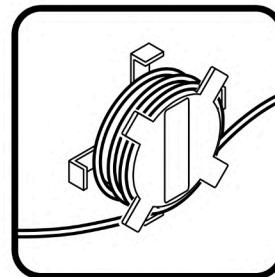
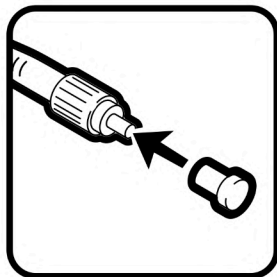
General Safety Practices

The equipment discussed in this document may require tools designed for the purpose being described. RLH recommends that service personnel be familiar with the correct handling and use of any installation equipment used, and follow all safety precautions including the use of protective personal equipment as required.

CAUTION - SEVERE SHOCK HAZZARD

- Never install during a lightning storm or where unsafe high voltages are present
- Use caution when handling copper wiring and follow appropriate safety regulations

Guidelines for Handling Terminated Fiber Cable



- Do not bend fiber cable sharply; use gradual and smooth bends to avoid damaging glass fiber
- Keep dust caps on fiber optic connectors at all times when disconnected
- Do not remove dust caps from unused fiber
- Keep fiber ends and fiber connectors clean and free from dust, dirt and debris; contamination will cause signal loss
- Do not touch fiber ends
- Store excess fiber on housing spools or fiber spools at site

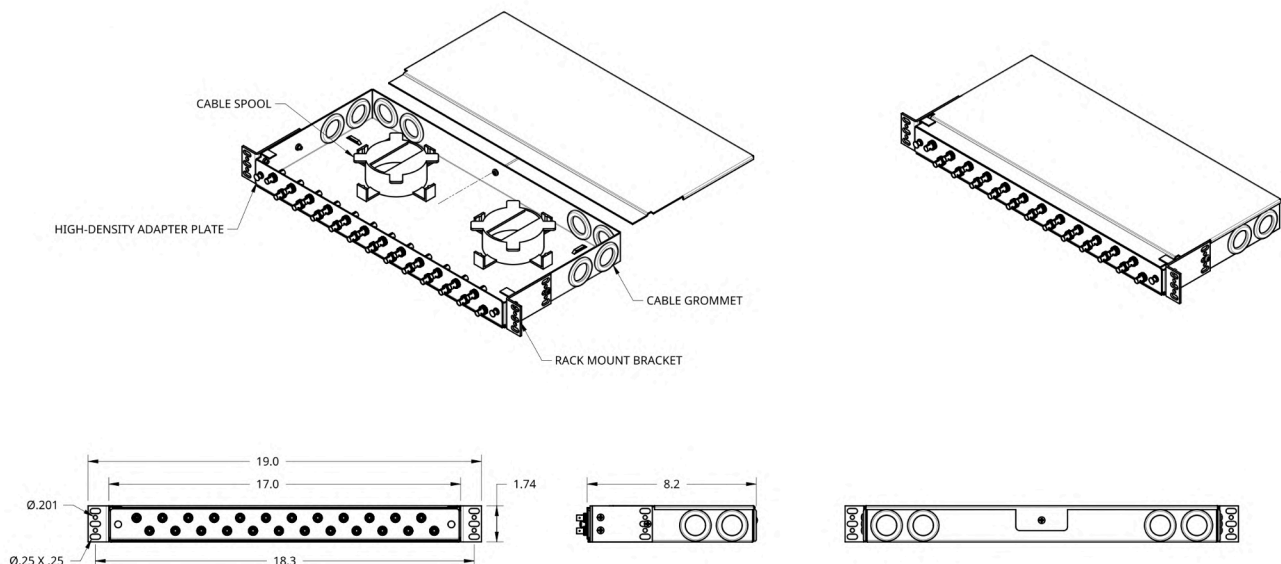
USER GUIDE

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Key Specifications

Hi-Density Adaptor Plate:	Simplex	24 to 48 Fibers
	Duplex	24 to 48 Fibers
	Quad	96 Fibers
Connectors:	ST-ST Simplex, Duplex	
	SC-SC Simplex, Duplex	
	SC-APC Simplex	
	APC-SC Simplex, Duplex	
	LC-LC Simplex, Duplex, Quad	
	MTRJ-MTRJ Duplex	
	FC-APC Simplex, Duplex	
Mounting Style:	Standard EIA 19"/23" rack mount	
Environmental:	Indoor type hi-density design	
Construction:	<ul style="list-style-type: none"> - Powder coated welded steel - Hi-Density adaptor plate and top are removable for easy access to the fiber - Includes fiber management spools, self sealing cable grommets, fiber cable mounting hardware, 19"/23" rack adapter ears and rack mounting hardware 	
Dimensions:	17" (W) x 8" (D) x 1.75" (H), (432 mm x 204 mm x 45 mm) *Not including ears, 1RU = 1.75 inches	

Dimensions



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Ordering Information

Fibers	Adapter	Mode	Fiber Type	Adapter Color	Plex	Part Number
24	SC	Multimode	OM1/OM2	Beige	Simplex	PRHD-13-1
24	SC	Multimode	OM1/OM2	Beige	Duplex	PRHD-14-1
48	LC	Multimode	OM1/OM2	Beige	Duplex	PRHD-22-1
96	LC	Multimode	OM1/OM2	Beige	Quad	PRHD-23-1
24	ST	Singlemode	OS1/OS2	Metal - Yellow Cap	Simplex	PRHD-01-1
48	ST	Singlemode	OS1/OS2	Metal - Yellow Cap	Simplex	PRHD-02-1
24	ST	Multimode	OM1/OM2	Metal - Black Cap	Simplex	PRHD-03-1
48	ST	Multimode	OM1/OM2	Metal - Black Cap	Simplex	PRHD-04-1
24	FC	Singlemode	OS1/OS2	Metal - Yellow Cap	Simplex	PRHD-05-1
48	FC	Singlemode	OS1/OS2	Metal - Yellow Cap	Simplex	PRHD-06-1
24	FC/APC	Singlemode	OS1/OS2	Metal - Green Cap	Simplex	PRHD-09-1
48	FC/APC	Singlemode	OS1/OS2	Metal - Green Cap	Simplex	PRHD-10-1
24	SC	Singlemode	OS1/OS2	Blue	Simplex	PRHD-11-1
48	SC	Singlemode	OS1/OS2	Blue	Duplex	PRHD-12-1
24	SC/APC	Singlemode	OS1/OS2	Green	Simplex	PRHD-15-1
48	SC/APC	Singlemode	OS1/OS2	Green	Duplex	PRHD-16-1
24	SC	Multimode	OM3/OM4	Aqua	Simplex	PRHD-17-1
48	SC	Multimode	OM3/OM4	Aqua	Duplex	PRHD-18-1
48	LC	Singlemode	OS1/OS2	Blue	Duplex	PRHD-20-1
96	LC	Singlemode	OS1/OS2	Blue	Quad	PRHD-21-1
48	LC	Multimode	OM3/OM4	Aqua	Duplex	PRHD-24-1
96	LC	Multimode	OM3/OM4	Aqua	Quad	PRHD-25-1
48	LC/APC	Singlemode	OS1/OS2	Green	Duplex	PRHD-26-1
96	LC/APC	Singlemode	OS1/OS2	Green	Quad	PRHD-27-1
48	MTRJ	Multimode	OM1/OM2	Black	Simplex	PRHD-30-1

USER GUIDE

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Contact

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