

## Fiber Link Card Housings

RACK/WALL MOUNT,  
OPTIONAL INTERNAL POWER SUPPLY

### Description

Fiber Link Card Housings provide mounting for RLH Fiber Link Cards in a NEBS certified enclosure. They are available in 5, 8, and 12 card capacities, and are 19/23" rack mountable, using 4 rack spaces (4RU). An internal DC power terminal and AC/DC switching 48V power supply with UPS feature are available options.

These sturdy, powder coated, steel (standard color grey) housings come complete with wall and rack mounting hardware, fiber cable accessories and fiber slack brackets. The front access door is hinged and secures with thumb screw locks. The acrylic door panel allows for quick assessment of fiber optic card status and configurations. Multiple cable openings on the sides, bottom and back allow for flexible cable routing into and out of the housing.

The housings do not provide weather protection, and require a weatherproof enclosure for outdoor use.



5, 8 and 12 Fiber Link Card Housings

#### Standard Features

NEBS Level III certified

Optional plug-in 48VDC switching power supply and DC power terminal available

Power terminals accept one or two 24~56VDC inputs, and includes up to 12 outputs

Alarm contacts for power supply failure

Backup battery packs available for uninterruptible power operation

EIA 19/23" Rack or wall mount

Available in 5, 8, or 12 card capacities

Durable powder coated welded steel construction

Includes fiber management spools for fiber storage

Holds up to 12 Fiber Link Cards in any arrangement

Fiber management clamps and hardware included

19/23" Rack and wall mount hardware included

## General Specifications

### 48V AC/DC Power Supply

<b>Input</b>	Voltage Range	88-264VAC / 124-370VDC
	Current	2.5A/115VAC      1.5A/230VAC
<b>Output</b>	DC Voltage	54VDC, 1.4A
	Voltage Adj. Range	48 ~ 58V
	Battery Charge Current	0.2A
<b>LED Indicators</b>	DC output: Green	
<b>Protection</b>	Overload	105 ~ 135%
	Type	AC Charging Mode : Constant current limiting, recovers automatically after fault condition is removed. UPS Mode : Protected by internal fuse
	Overvoltage	62.1 ~ 72.9V Protection type : Shut down o/p voltage, re-power on to recover
	Battery Low	39V 2V
<b>Environment</b>	Working Temp.	-10°C ~ +60°C (14°F ~ 140°C)
	Working Humidity	20~90% RH
<b>Safety &amp; EMC</b>	Standards	UL60950-1, TUV EN60950-1 approved
	Withstand Voltage	I/P-O/P:3KVAC    I/P-FG:1.5KVAC    O/P-FG:0.5KVAC
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMI Conductance & Radiation	Compliance to EN55022 (CISPR22) Class B
	Harmonic Current	Compliance to EN61000-3-2,-3
<b>Other</b>	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A
	MTBF	183.3K hrs min.    MIL-HDBK-217F (25°C)
	Dimension	199 x110 x 50mm (L x W x H)
	Mounting	Factory installed with securing screw, occupies the last card slot.

### DC Power Alarm

<b>Alarm</b>	Output	Normally Open/Closed Relay
	Max. Relay Rating	115VAC 0.6A, 110VDC 0.6A, 30VDC 2A
	Response Time	10ms

## Ordering Information

Part Number	Description	Dimensions
<b>8806-1231-03</b>	5 Card Housing	H 7in. x W 8in. x D 11.5in. (178mm x 203mm x 292mm)
<b>8806-1229-03</b>	8 Card Housing	H 7in. x W 12in. x D 11.5in. (178mm x 305mm x 292mm)
<b>8806-1230-03</b>	12 Card Housing	H 7in. x W 17in. x D 11.5in. (178mm x 626mm x 292mm)

- ▶ Add **-DC** to end of part number for DC power terminal.
- ▶ Add **-A48** to end of part number for for 48V AC/DC power supply with DC power terminal. Requires one card slot
- ▶ Please contact your RLH sales representative for pricing and delivery information.



RLH Industries, Inc.  
936 N. Main Street, Orange, CA 92867 USA  
T: (714) 532-1672  
F: (714) 532-1885

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Specifications subject to change without notice.