

RLH Industries, Inc.
Fiber Optic Link Card Shelf Housings

Part Number	Description
8806-1231-03	5-Card Shelf
8806-1229-03	8-Card Shelf
8806-1230-03	12-Card Shelf

- Add "DC" for power terminal
- Add "A24" or "A48" for AC/DC power supply



Description

The Fiber Optic Link card shelves consist of powder coated steel housing with plastic guide rails and retention clips for installation of Fiber Optic Link cards of any combination. Fiber Optic Link shelves are not weatherproof, for outdoor installations a weatherproof enclosure is required. The housings come complete with wall and rack (19/23") mounting hardware, fiber cable accessories and fiber slack brackets. Integrated DC power terminal and AC/DC power supply are available options.

Fiber Optic Link card shelves optional components include:

- DC power input terminal
- Internal AC/DC power supply

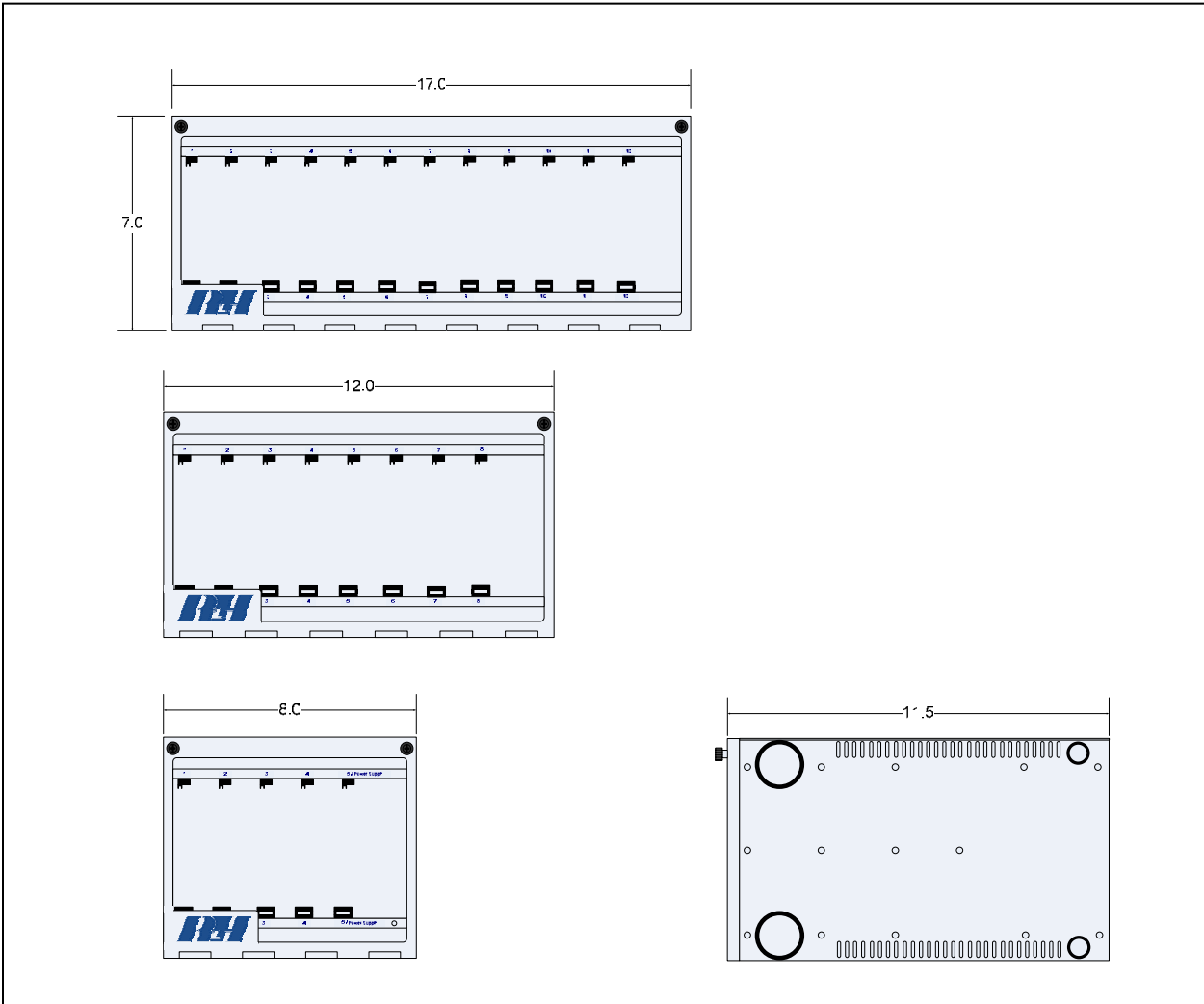


12-Card Shelf with mounting brackets installed

Installation

The card shelf can be mounted to a wall or rack via two mounting brackets that are provided. 5 and 8 card shelves have extension brackets included for rack mounting. Rack mount brackets can accommodate both front or middle mounted configurations.

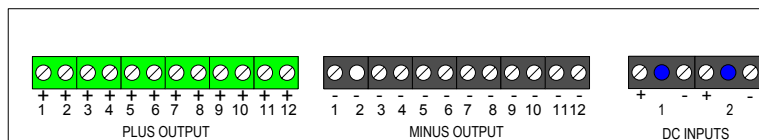
Dimensional Drawings



5 Card	H7.0" xW8.0"xD11.5"
8 Card	H7.0" xW12.0"xD11.5"
12 Card	H7.0" xW17.0"xD11.5"
Compliance	NEBS Level III

DC Power Terminal

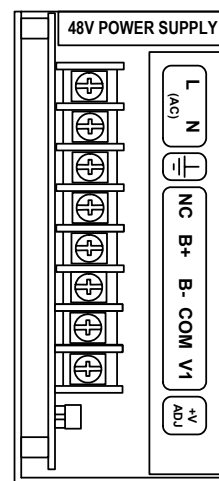
Shelves may be ordered with a DC power terminal connection. The power terminal accepts one or two 24-56VDC inputs, the second input can be used for a dual redundant powering arrangement for added reliability. The DC power terminal provides 6 or 12 outputs depending on the shelf size. The multiple outputs allow a simple and convenient power wiring to each individual Fiber Optic Link card. This option is available with all Fiber Optic Link housings by adding a “DC” to the end of the housing part number.



12-Position DC Power Terminal

Shelf with AC/DC Power Supply

Shelves may be ordered with an pre-installed AC/DC power supply module. The power supply module occupies the last card position in the shelf. RLH AC/DC modules are available in both 24V and 48V output configurations. A DC power terminal is included with the power supply. The AC/DC modules can be used with an external battery pack to provide temporary power in case of an AC outage. The battery pack connects to the “B+” and “B-“ terminals. Power supply modules may be ordered with shelves by adding either an “A24” or “A48” to the end of the shelf part number.



Power Module

AC/DC Power Module Specifications

AC Input Range:	100-240VAC / 120-330VDC
DC Output Voltage:	A24: 27.6VDC A48: 55.2VDC
Maximum Output Current:	A24: 2.8A A48: 1.4A
Operating Temperature:	-40C to +70C
Shelf Mounting:	Factory installed with set screw, requires (2) card positions
LED Indicators:	DC Output: Green
Warranty:	Lifetime