Mini-Com® Shielded High-Density Modular Patch Panels

PANDUIT®
SPECIFICATION SHEET

SPECIFICATIONS

Shielded 48-port high-density patch panels shall occupy a single rack space, and be made of a stainless steel panel with molded rear snap-in faceplates that include a metal bonding strip that runs through the front midsection of the faceplate. Shall accept all Mini-Com® Shielded Jack Modules for shielded installations and shall mount to standard 19" racks or cabinets. Patch panel shall be available in 48 ports in one rack space in both flat and angled designs. Shielded 48-port high-density patch panels shall be easily identified with pre-numbered ports.

metal bonding strip
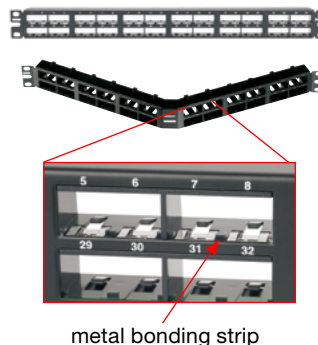
TECHNICAL INFORMATION

Mounting option:	UL 508A Standard for Industrial Control Panels, UL Type 4/12 or 4X, IP66 Rated, CE
Packaging::	Z23U: 36.0 in. x 24.0 in. x 11.7 in. (914mm x 610mm x 297mm)
	Z22U: 24.0 in. x 24.0 in. x 11.7 in. (610mm x 610mm x 297mm)
Color and material:	Enclosures: Gray, 14 gauge cold roll steel or 316 stainless steel
	Back panels: 14 gauge galvannealed steel or 304 stainless steel

KEY FEATURES AND BENEFITS

Modular:	Accepts all Panduit® Mini-Com® shielded modules
High density:	More modules per rack space: 48 ports per 1 RU
Identification:	Pre-numbered ports
Angled design:	Allows cable to flow to each side of the rack and minimizes the need for horizontal cable managers
Optional strain relief bars	A variety of styles available to help manage and route cable
Optional angled filler panels	Reserve space for future use and promote proper airflow and cooling

APPLICATIONS

Mini-Com 48-port high-density patch panels are an ideal solution in areas where rack or cabinet space is an issue.

The angled version increases rack density and reduces the need for horizontal cable management systems, managing high-density network applications in one-fourth the area needed for conventional cable management systems. A strain relief bar is recommended to properly support and route the rear cables.

Mini-Com Modules can be easily switched or replaced as required. Blank modules will reserve space for future use or growth. Most panels are typically used in a telecommunication closet or cabinet but will work in other areas as well.

When installing the patch panel on the rack, the use of patented thread-forming bonding screws bond the shielded panel to the rack. The combination of shielded patch panels, shielded jack modules, and accessories provide a properly grounded system.

NHigh Density Shielded Patch Panels	
48-port, Flat, 1 RU:	CP48HD*
48-port, Angled, 1 RU:	CPA48HD*
Patch Panel Accessories	
Filler Panels:	
1 RU, Angled:	CPAF1**
2 RU, Angled:	CPAF2**
1 RU, Flat:	DPFP1^
1 RU, Flat:	DPFP2^
Transitional Covers	
BLACK:	CPATC*
Mini-Com® Shielded Jack Modules	
Category 6A:	CJS6X88TGY
Category 6:	CJS688TGY
Category 5e:	CJS5E88TGY
Strain Relief Bars and Accessories	
With integrated tie mounts:	SRBM19BLY
7" offset multi-depth:	SRB19MDBL
7" offset (inward mounting):**	SRB19D7BL
Strain relief bar brackets:	SRBBRKT
Replacement Thread-Forming Kits	
#12-24 English:	RGTBSG-C
M6 metric:	RGTBSM6G-C

*Colors: BL (Black) or WH (White)

**Colors: BLY (Black) or WH (White)

^Colors other than Black: WH (White)

Note: Bars with inward mounting feature require 19.75" clearance between rails or cabinet
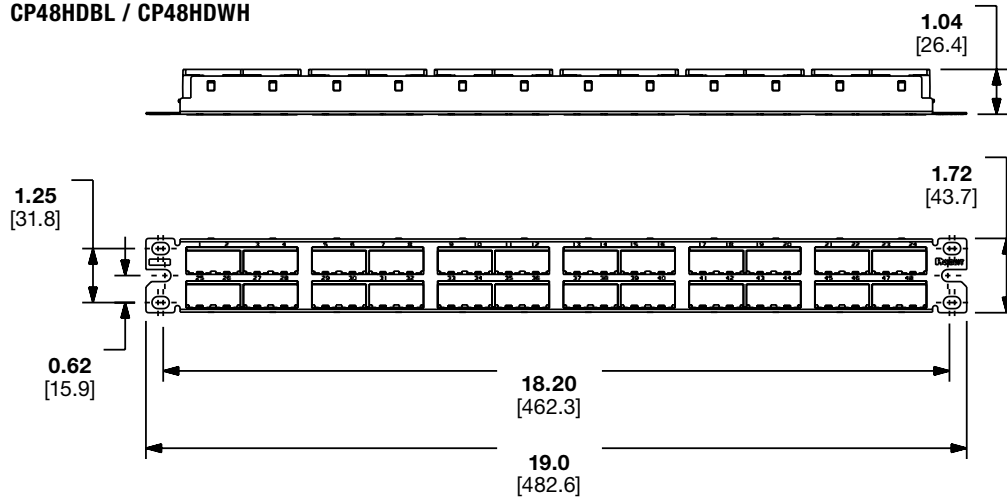
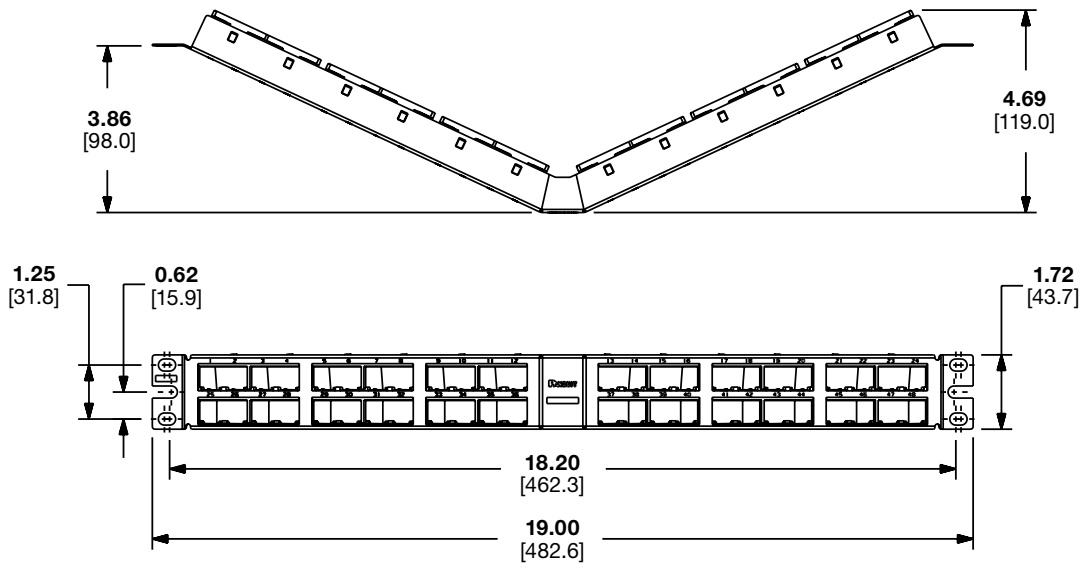# Mini-Com® Shielded High-Density Modular Patch Panels

LABEL CHART

Part Number	Label Type	Laser/Ink	MP300
CP48HDBL			
CPA48HDBL	Adhesive	T024X000FJT	T024X000FJM-BK
CP48HDWH			
CPA48HDWH			

ENGINEERING DRAWINGS

CP48HDBL / CP48HDWH

1.04
[26.4]

1.25
[31.8]

1.72
[43.7]

0.62
[15.9]

18.20
[462.3]

19.0
[482.6]

CPA48HDBL / CPA48HDWH

3.86
[98.0]

4.69
[119.0]

1.25
[31.8]

0.62
[15.9]

1.72
[43.7]

18.20
[462.3]

19.00
[482.6]

Dimensions are in inches. [Dimensions in brackets are metric].

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