# MINI-COM® Flat All Metal Shielded Modular Patch Panels

## specifications

Flat all metal shielded modular patch panels shall be made completely of metal and mount to standard cabinets and EIA 19" racks. Flat all metal shielded modular patch panels shall be available in 16, 24, 48 and 72-port versions with a typical density of 24 ports per rack space. Patch panels shall be modular, accepting all MINI-COM® Shielded Modules and shall be clearly identified with write on labels and label area. Patch panels with strain relief bar shall include cable tie slots for managing individual cables and contoured support bar to help maintain high performance cable bend radius.
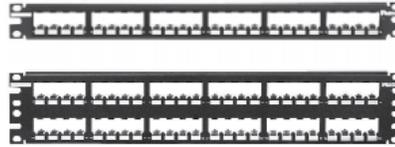
## technical information

| Dimensions: | | |
|---|---|---|
| | CP16BLY: | 1.72"H x 19"W x .70"D (43.7 x 482.6 x 17.8mm), 1 RU |
| | CP24BLY: | 1.72"H x 19"W x .70"D (43.7 x 482.6 x 17.8mm), 1 RU |
| | CP48BLY: | 3.47"H x 19"W x .70"D (88.1 x 482.6 x 17.8mm), 2 RU |
| | CP72BLY: | 3.47"H x 19"W x .70"D (88.1 x 482.6 x 17.8mm), 2 RU |
| | CP16WSBLY: | 1.72"H x 19"W x 3.38"D (43.7 x 482.6 x 85.9mm), 1 RU |
| | CP24WSBLY: | 1.72"H x 19"W x 3.38"D (43.7 x 482.6 x 85.9mm), 1 RU |
| | CP48WSBLY: | 3.47"H x 19"W x 3.38"D (88.1 x 482.6 x 85.9mm), 2 RU |

**Mounting option:** Mounts to standard EIA 19" rack, or 23" rack when used with extender brackets (PEB1 or PEB2) or cabinet

**Packaging:** Includes mounting screws (#12-24 and M6) and CPT tool for easy removal of MINI-COM® Modules

## key features and benefits

| | |
|---|---|
| **Modularity** | Accepts all MINI-COM® Shielded Modules; modules snap in and out to simplify moves, adds, and changes |
| **High-density** | 24 ports per rack space, 72-port version provides 36 ports per rack space for greater density |
| **Optional label** | Follows TIA/EIA-606-A labeling standards to manage and organize installation |
| **Contoured supports** | Help maintain high performance bend radius (CP16WSBLY, CP24WSBLY, and CP48WSBLY) |
| **Cable tie slots** | Help secure cable to patch panel for additional cable management (CP16WSBLY, CP24WSBLY, and CP48WSBLY) |
| **Flush mount** | Provides more space for plug/module interface and provides improved aesthetics |

## applications

MINI-COM® Flat All Metal Shielded Modular Patch Panels are ideal for use in shielded applications, whether it be individual closets or complete data centers. Grounding in shielded applications may be accomplished in two manners. First is through grounding studs which allow a direct connection to the patch panel. Second is through the use of PANDUIT patent pending bonding screws, which create an electrical bond between patch panels and rack. The serrations on the bottom of the bonding screw removes paint from the

patch panel, providing metal-to-metal contact, leading to a properly grounded system.

All metal shielded modular patch panels accept all MINI-COM® Shielded Modules. Colored icons and write on labels make color-coding and identification easy in the telecommunication closet. For a complete end-to-end shielded solution, use in conjunction with the PANDUIT® TX6™ 10GIG™, TX6™ PLUS Category 6 or TX5e™ Copper Cabling Systems.

### MINI-COM® Flat All Metal Shielded Modular Patch Panels

| | |
|---|---|
| **16-port:** | CP16BLY |
| **24-port:** | CP24BLY |
| **48-port:** | CP48BLY |
| **72-port:** | CP72BLY |

### MINI-COM® Flat All Metal Shielded Modular Patch Panels with Strain Relief Bar

| | |
|---|---|
| **16-port:** | CP16WSBLY |
| **24-port:** | CP24WSBLY |
| **48-port:** | CP48WSBLY |

### MINI-COM® Shielded Modules

| | |
|---|---|
| **TX6™ 10GIG™:** | CJS6X88TGY |
| **TX6™ PLUS:** | CJS688TGY |
| **TX5e™:** | CJS5E88TGY |

### Strain Relief Bars

| | |
|---|---|
| **Strain relief bar with clips:** | SRBWCY |
| **Strain relief bar (straight):** | SRBS19BL-XY |
| **Strain relief bar (U-shaped):** | SRB19BLY |
| **High-density strain relief bar manager:** | SRBM19BLY |
| **Strain relief bar brackets:** | SRBBRKT |

### Bonding Screws

| | |
|---|---|
| **#12-24 English:** | RGTBS-C |
| **M6 Metric:** | RGTBSM6-C |

### Thread-Forming Kits

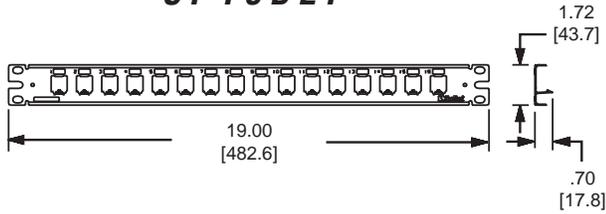| | |
|---|---|
| **#12-24 English** | RGTBSG |
| **M6 Metric** | RGTBSM6G |
| **#10-32 English** | RGTBS1032G |
| **M5 Metric** | RGTBSM5G |

### Icons

| | |
|---|---|
| **Phone:** | CIP**-C |
| **Computer:** | CID**-C |

**Substitute for IW (Off White), EI (Electric Ivory), WH (White), IG (International Gray), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green), YL (Yellow) or VL (Violet).

## CP16BLY

1.72 [43.7]

19.00 [482.6]

.70 [17.8]

## CP24BLY

1.72 [43.7]

19.00 [482.6]

.70 [17.8]

## CP48BLY

3.47 [88.1]

19.00 [482.6]

.70 [17.8]

## CP72BLY

3.47 [88.1]

19.00 [482.6]

.70 [17.8]

## CP16WSBLY

3.38 [85.9]

1.72 [43.7]

19.00 [482.6]

## CP24WSBLY

3.38 [85.9]

19.00 [482.6]

1.72 [43.7]

## CP48WSBLY

3.38 [85.9]

3.47 [88.1]

19.00 [482.6]
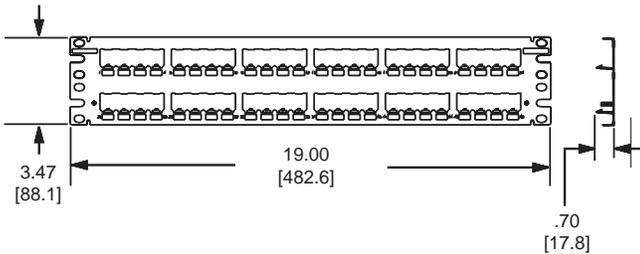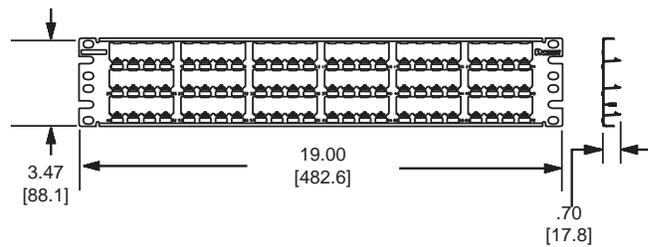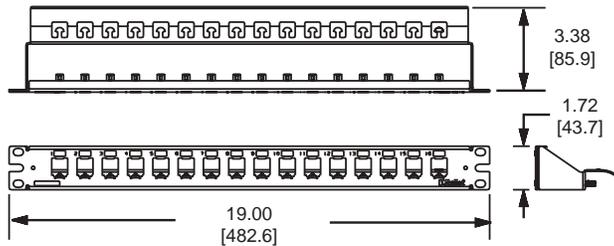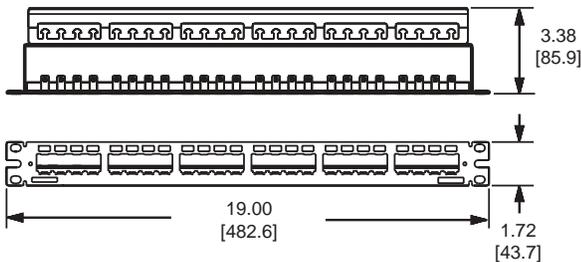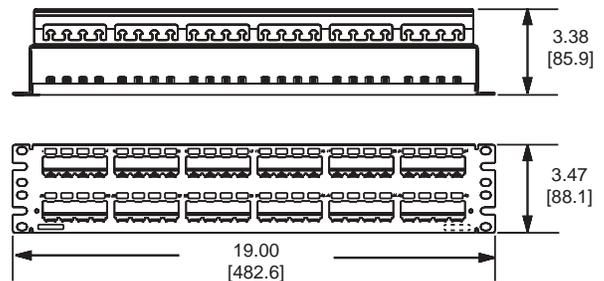
Dimensions are in inches [Dimensions in brackets are metric]

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