Category 3 ISDN/Telephone Patch Panels

specifications

Category 3 ISDN/Telephone Patch Panels shall be pre-configured for 2-pair, 2-line voice applications. The front of the patch panel shall feature RJ45 ports, grouped in five or ten, depending on port density, with pins 4 and 5 active in each port. The back of the patch panel shall feature a printed circuit board with IDC connectors and integrated punchouts to accommodate cable management and grounding. Patch panels shall be easy to identify with pre-printed numbers, write-on areas and optional label kits.

technical information

Category 3/Class C channel performance:	Meets channel requirements of ANSI/TIA-568-C.2 Category 3 and ISO 11801 Class C standards at swept frequencies 1 to 16 MHz
IEC compliance:	Meets IEC 60603-7
RohS compliance:	Compliant
Conductor termination range:	Compatible with 23 – 25 AWG solid or stranded twisted pair cable
Mounting options:	Mounts to standard EIA 19" rack or cabinet
Material:	Powder coated extruded formed steel
Packaging:	Includes four M6 x 1mm x 15mm pan-head cross screws, four M6 x 1mm retaining clips, four plastic insulators, and 100 PLT1M cable ties

key features and benefits

Built-in strain relief bar	Secures individual cables and provides proper cable support
High-density	50-port version provides 50 ports per rack space
Identification	Can be clearly identified with optional labels and icons for port identification

applications

Category 3 ISDN and Telephone Patch Panels provide an ideal termination point for small Private Branch Exchange (PBX) utilizing 25 or 50-pair copper cabling. Typical installation includes ISDN/Telephone patch panels in a cross-connect configuration, utilizing Panduit TX5e™ UTP Patch Cords to connect to Panduit DP5e™ Punchdown Patch Panels. Horizontal 4-pair copper cabling connects the back of the Panduit DP5e™ Punchdown Patch Panel to the individual work stations.

Category 3 ISDN/Telephone Patch Panels

25-Port, 1 RU:	VP25344KBLY*
50-Port, 1 RU:	VP50384KBLY*

DP5e™ Angled Punchdown Patch Panels

24-port, 1 RU:	DPA245E88TGY
48-port, 2 RU:	DPA485E88TGY

DP5e™ Flat Punchdown Patch Panels

24-port, 1 RU:	DP245E88TGY
48-port, 2 RU:	DP485E88TGY

TX5500™ UTP Copper Cable

Plenum:	PUP5504**
Riser:	PUR5504**
LSZH:	PUL5504**
CM:	PUC5504**

TX5e™ UTP Patch Cords

CM (foot lengths):	UTPCH^Y
CM (meter lengths):	UTPCH^^MY
LSZH (meter lengths):	UTPCHL^^MY

Label Options

Laser/ink jet:	C252X030FJJ
TDP43ME:	C252X030YPT
Panther™ LS8E:	C252X030FJC
Cougar™ LS9:	T031X000FJC-BK

Accessories

Clear dust cap:	MDC-C
RJ45 Blockout device:	PSL-DCJB-^^^
Standard RJ45 plug lock-in device:	PSL-DCPLX+
Recessed RJ45 plug lock-in device:	PSL-DCPLRX+

Visit www.panduit.com for patch panel accessories such as filler panels and strain relief bars.

*For standard color other than BL (Black), replace BL in part number with GL (Light Gray).

**To designate color, add suffix BU (Blue) or WH (White). For additional cable colors, contact customer service.

^For lengths 1 to 20 feet (one foot increments) and 25, 30, 35, 40 feet, change the length designation in the part number to the desired length. For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange) or VL (Violet). For example, the part number for a blue 15-foot patch cord is UTPCH15BUY.
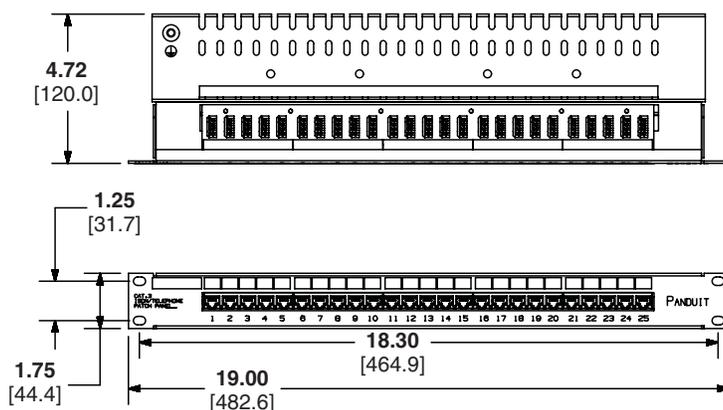
^^For lengths 1 to 10 meters (one meter increments) and 2.5, 15, 20, 25, 30, 35, 40 meters, change the length designation in the part number to the desired length. For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange) or VL (Violet). For example, the part number for a blue 15-meter patch cord is UTPCH15MBUY.

^^^To designate color other than Red, add suffix BL (Black), BU (Blue), YL (Yellow), GR (Green), OR (Orange), IW (Off White) or IG (International Gray) at the end of the part number. 10/package.
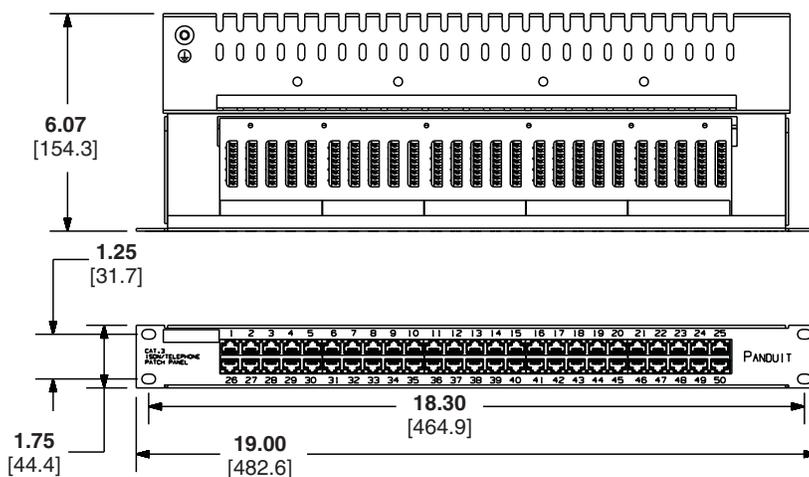
+For colors other than Red, add suffix -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), IW (International White) or -IG (International Gray) to the end of the part number. 10/package. Add -C for bulk packages of 100.

Category 3 ISDN/Telephone Patch Panels

25-Port

4.72
[120.0]

1.25
[31.7]

1.75
[44.4]

18.30
[464.9]

19.00
[482.6]

50-Port

6.07
[154.3]

1.25
[31.7]

1.75
[44.4]

18.30
[464.9]

19.00
[482.6]

Dimensions are in inches (Dimensions in parentheses are metric)

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

**Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300 and reference COSP216**

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