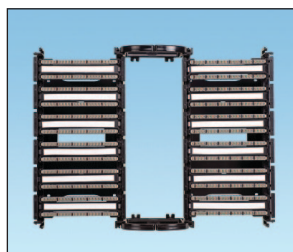# Cross Connect Punchdown System

specifications

The cross connect punchdown system components shall include connecting blocks and bases for standard and high-density applications. The system shall terminate 22 – 26 AWG UTP cable and exceeds all ANSI/TIA-568-C.2 Category 6 and Category 5e standard requirements for voice and data applications. Connecting blocks shall include either 4 or 5-pair markings for both voice and data applications. Mounting brackets shall be available in multiple sizes and accept industry standard connecting blocks.

technical information

Electrical performance:	Certified channel performance in a 4-connector configuration up to 100 meters and meets ISO 11801 2nd Edition Class E, 2nd Edition Class D, ANSI/TIA-568-C.2 Category 6 and Category 5e standards
	Certified component performance up to 100 meters and exceeds the component requirements of IEC 61156-5 and ANSI/TIA-568-C.2 Category 6 and Category 5e standards
Mechanical performance:	Meets IEC 60352-4 requirements Can withstand repeated terminations up to 200 cycles

key features and benefits

Third party tested	Cable has been tested as part of the TX6500™, TX6000™ and TX5500™ Copper Cabling Systems by an independent laboratory and complies with the Category 6 and Category 5e electrical channel requirements of ANSI/TIA-568-C.2
Compatible with voice and data applications	Supports voice and data with existing infrastructure eliminating the need to purchase and install new components
Punchdown termination	Enables industry accepted termination utilizing existing installation tools and techniques
Connecting block	4 or 5-pair terminal markings speed installation by assisting in punchdown terminal identification; integrated mounting notches are compatible with standard cross connect mounting brackets providing the maximum design flexibility for new and existing Category 6 and Category 5e installations
Mounting bracket	Multiple mounting configurations allows brackets to be mounted to back board or wall maximizing the use of valuable real estate
Deep trough distribution ring (optional)	Maintains proper bend radius control providing improved cable management in between 300 and 50-pair mounting systems
Label kit (optional)	Allows port identification enabling compliance to ANSI/TIA/EIA-606-A labeling standards

applications

The Panduit™ Cross Connect System is designed for voice and data applications and commonly deployed in new and existing branch offices, telco facilities and telecom rooms. Universal connecting blocks are terminated with commonly available punchdown tools and enable quick Category 5e and/or Category 6 installations.

Panduit™ Cross Connect Punchdown System

Mounting Bases

50-pair:	PXMT50
300-pair:	PXMT300

Connecting Blocks

4-pair:	PXPCB4
5-pair:	PXPCB5

TX6500™ UTP Copper Cable

Plenum:	PUP6504*-UY
Riser:	PUR6504*-UY

TX6000™ UTP Copper Cable

Plenum:	PUP6004*-UY
Riser:	PUR6004*-UY

TX5500™ UTP Copper Cable

Plenum:	PUP5504*-UY
Riser:	PUR5504*-UY

Tool and Accessories

Termination tool:	PDT110^
Distribution ring:	PXDR
Label kit:	PXLK-VI

*To designate a color, add suffix BU (Blue), WH (White), YL (Yellow) or IG (International Gray). For additional cable colors, contact customer service.
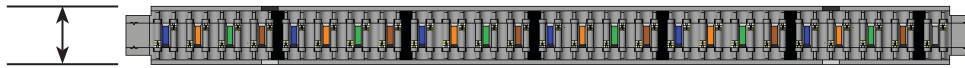
^For termination, use tool PDT110 with cross connect blade 10665000, available from Fluke. Contact Fluke customer service at 800-283-5853 to locate a local distributor. Fluke is a registered trademark of Fluke Corporation.

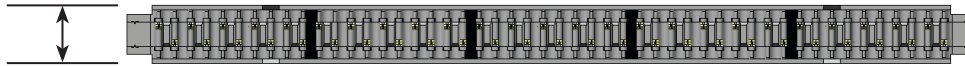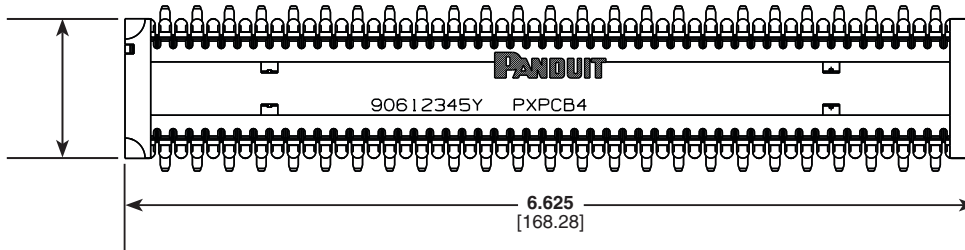# Cross Connect Punchdown System

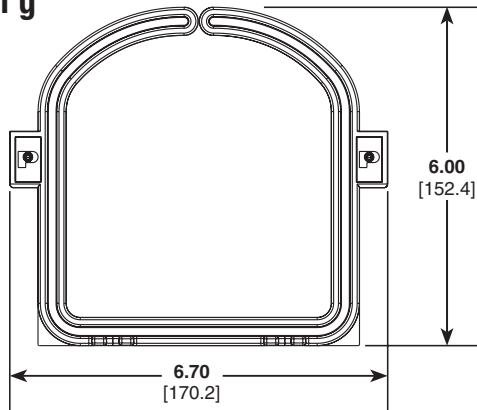## Connecting Blocks
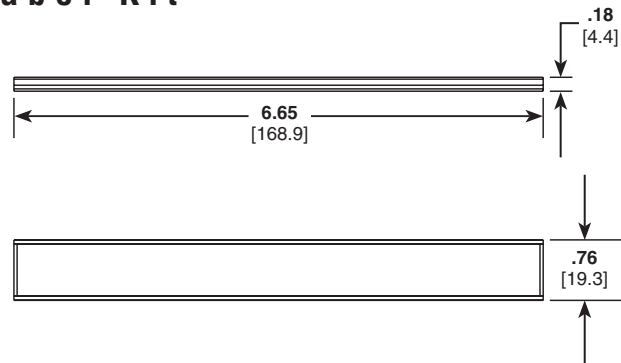
4-Pair
1.088
[27.64]

5-Pair
1.088
[27.64]

1.088
[27.64]

90612345Y   PXPCB4

6.625
[168.28]

D-Ring

6.00
[152.4]

6.70
[170.2]

Label Kit

.18
[4.4]

6.65
[168.9]

.76
[19.3]

Mounting Bases

3.29
[83.6]

15.25
[387.4]

2.06
[52.3]

7.61
[193.3]

7.61
[193.3]

4.51
[114.8]

50-pair base

300-pair base
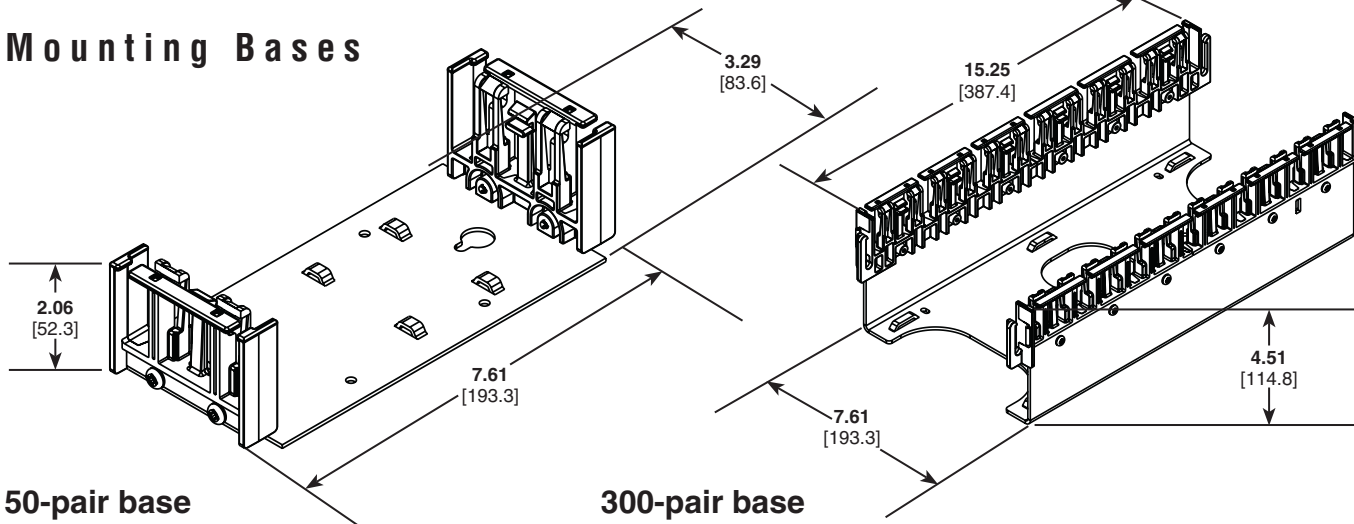
Dimensions are in inches. [Dimensions in brackets are metric].

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**

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