NetKey® Category 6 Punchdown Patch Panels

specifications

Category 6/Class E punchdown patch panels shall terminate unshielded twisted 4-pair, 22 – 26 AWG, 100 ohm cable and mount to standard EIA 19 inches or 23 inches racks. Punchdown tool shall properly terminate each conductor for optimum performance. Universal T568A and T568B color-coded wiring schemes included.

technical information

Category 6/Class E performance:	Exceeds ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E channel requirements at swept frequencies up to 250 MHz
	Meets ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E component requirements at swept frequencies up to 250 MHz
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A; contacts plated with 50 microinches of gold for superior performance
IEC compliance:	Meets IEC 60603-7 and IEC 60512-99-002
PoE and PoH compliance:	Meets IEEE 802.3af/802.3at and 802.3bt type 3 and type 4. Supports Power over HDBaseT up to 100 watts
c(UL)us Listed:	UL 1863 (Use as communications circuit accessory); CSA standard C22.2
RoHS compliance:	Compliant
Mounting options:	Mounts to standard EIA 19" or 23" racks (23" requires use of extender brackets: PEB1 or PEB2) 12-port suitable for wall mount with WB89D bracket

key features and benefits

100% performance tested	Confidence that each port delivers specified performance
110 style punchdown termination	Utilizes industry standard termination style and includes wire retention cap
Identification	Write-on areas allow for port and panel identification
Industry standard RJ45 interface	Familiar to end-users; backwards compatible with Category 5e
Angled design (optional)	Facilitates proper bend radius control and minimizes the need for horizontal cable managers

applications

Applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- Voice over Internet Protocol (VoIP)

| NetKey Category 6 Angled Punchdown Patch Panels	
24-port, 1 RU:	NKA6PPG24Y
48-port, 2 RU:	NKA6PPG48Y
NetKey Category 6 Flat Punchdown Patch Panels	
12-port:	NK6PPG12WY
24-port, 1 RU:	NK6PPG24Y
48-port, 2 RU:	NK6PPG48Y
Termination Tools	
Punchdown tool:	PDT110‡
Snipping tool:	CWST
Stripping tool:	CJAST
Replacement retention cap:	DRWCIW-24

‡Terminates the NetKey Keystone Punchdown Jack Module and NetKey Punchdown Patch Panels.

NetKey® Category 6 Punchdown Patch Panels
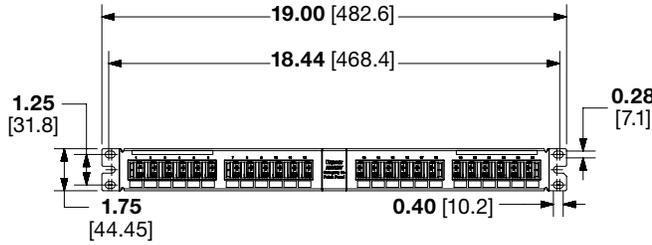
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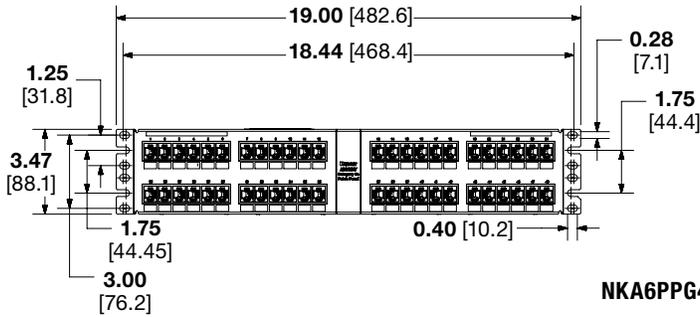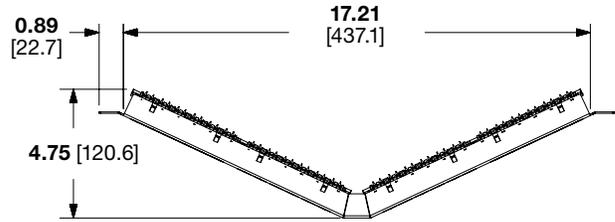
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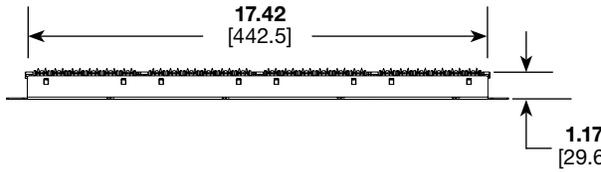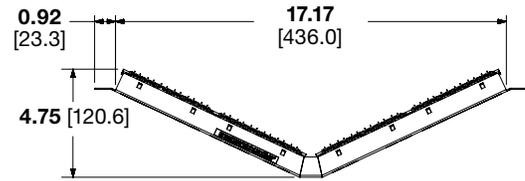
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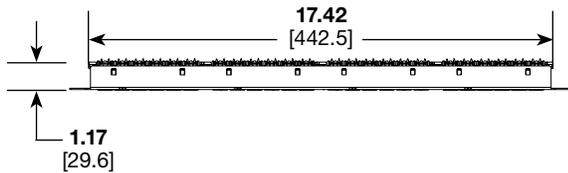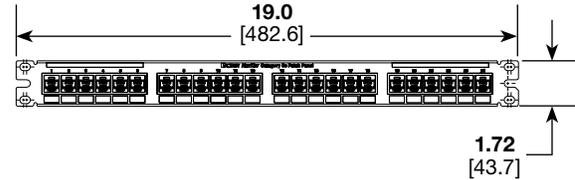
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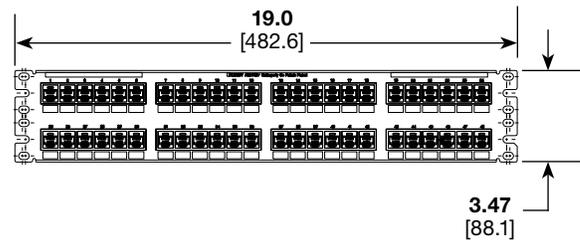
Dimensions are in inches. [Dimensions in **brackets** are metric].

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

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or by phone: 800.777.3300

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