

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

APPLICATIONS

Applications include:

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

NetKey Category 6 Flat Punchdown Patch Panels

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

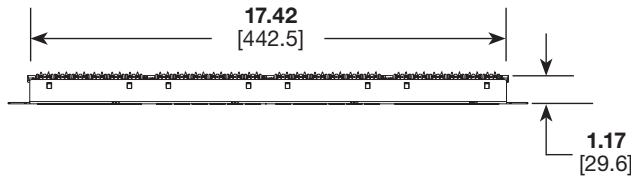
‡Terminates the NetKey Keystone Punchdown Jack Module and NetKey Punchdown Patch Panels
-24 indicates 24 pieces per bulk pack to reduce single use plastic



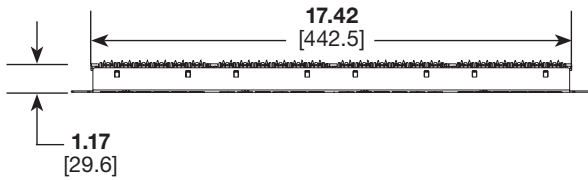
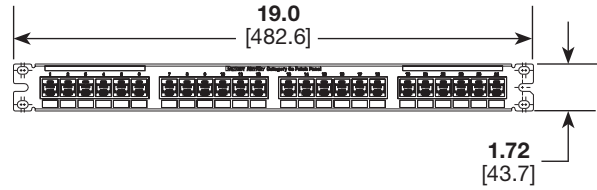
All listed part numbers are compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to customers in the United States.

NetKey® Category 6 Punchdown Patch Panels

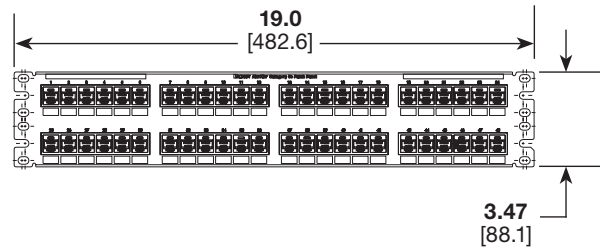
ENGINEERING DRAWINGS



NK6PPG24Y



NK6PPG48Y



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

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