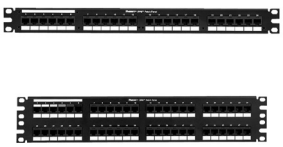
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# NetKey® Category 6A Punchdown Patch Panels

PANDUIT®
SPECIFICATION SHEET

## SPECIFICATIONS

Category 6A/Class $E_A$ 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.



| NetKey Category 6A Flat Punchdown Patch Panels | |
|---|---|
| ***24-port, 1 RU:*** | NK6XPPG24Y |
| ***48-port, 2 RU:*** | NK6XPPG48Y |
| ***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

## TECHNICAL INFORMATION

| | |
|---|---|
| ***Category 6A/Class $E_A$ performance:*** | Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class $E_A$ channel requirements at swept frequencies up to 500 MHz<br>Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class $E_A$ component requirements at swept frequencies up to 500 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<br>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) |

## 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 6 |

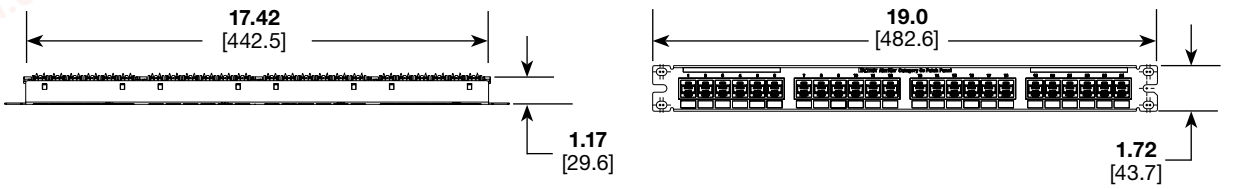
## APPLICATIONS

NetKey Category 6A Punchdown Patch Panels provide a cost effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. The NetKey Solution helps organizations efficiently and reliably meet data transmission needs. With certified performance to ISO 11801 Class $E_A$ and ANSI/TIA-568.2-D Category 6A component standards, this system will support high bandwidth applications such as those required by education, healthcare, finance, and banking.

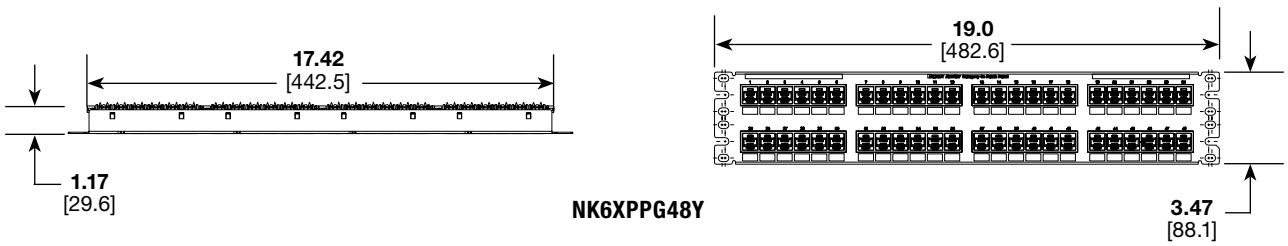
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# NetKey® Category 6A Punchdown Patch Panels

## ENGINEERING DRAWINGS




**NK6XPPG24Y**




**NK6XPPG48Y**

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


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

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