

# NetKey® Category 6 UTP Jack Modules

Category 6/Class E 8-position keystone UTP jack module shall terminate unshielded twisted 4-pair, 22-26 AWG, 100 ohm cable without the use of a punchdown tool. Optional tool ensures conductors are fully terminated. Universal label shall be color-coded to T568A and T568B wiring schemes.



## technical information

|                                                |                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Category 6/Class E channel performance:</b> | Meets all ANSI/TIA-568.C2 Category 6 and ISO 11801 2nd Edition Class E channel standard requirements at swept frequencies up to 250 MHz |
| <b>FCC compliance:</b>                         | Meets ANSI/TIA-1096-A; contacts plated with 50 microinches of gold for superior performance                                             |
| <b>IEC compliance:</b>                         | Meets IEC 60603-7                                                                                                                       |
| <b>PoE compliance:</b>                         | Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE applications                                                                |
| <b>UL rated:</b>                               | UL 1863 approved                                                                                                                        |
| <b>RoHS compliance:</b>                        | Compliant                                                                                                                               |

## key features and benefits

|                                        |                                                                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>100% performance tested</b>         | Confidence that each jack module delivers specified performance                                                                                            |
| <b>Termination cap</b>                 | Provides strain relief, helps control cable end radius and securely retains wires in place                                                                 |
| <b>Does not require punchdown tool</b> | Can terminate with optional termination tool                                                                                                               |
| <b>Modular</b>                         | Universal keystone jack modules snap in and out of all NetKey® Faceplates, Modular Patch Panels, and Surface Mount Boxes for fast moves, adds, and changes |
| <b>Individually serialized</b>         | Marked with quality control number for future traceability                                                                                                 |

## applications

Applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Voice over internet protocol (VoIP)

# PANDUIT®

DATA SHEET

### NetKey® Network Components

#### NetKey® Category 6 UTP Jack Modules

**Module:** NK6TMIW\*

#### NetKey® Category 6 UTP Patch Cords

**Foot lengths:** NK6PC3\*\*Y

**Meter lengths:** NK6PC1M^Y

#### NetKey® Molded Modular Patch Panels

**24-port, 1 RU:** NKPP24P

**48-port, 2 RU:** NKPP48P

#### Termination and Cable Prep Tools (optional)

**Termination tool:** CGJT

**Wire snipping tool:** CWST

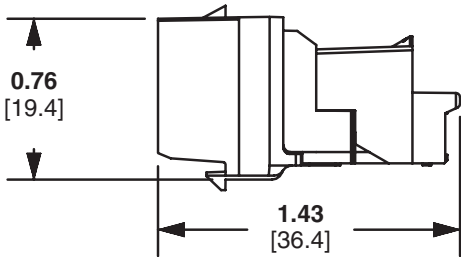
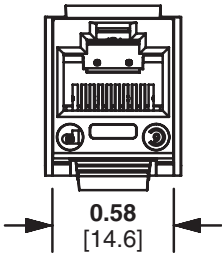
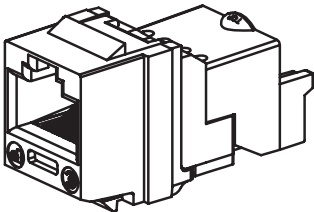
**Wire stripping tool:** CCAST

\*To designate color other than IW (Off White), replace IW suffix with WH (White), EI (Electric Ivory), IG (International Gray), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet).

\*\*For standard lengths other than 3 feet (5, 7, 10, 14 or 20) change the length designation in part number to the desired length. For standard colors other than Off White, add suffix BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), or VL (Violet) before Y in the part number. For example, the part number of a blue, Category 6, 5-foot patch cord is NK6PC5BUY.

^For standard lengths other than 1 meter (0.5, 2, 3, 4, 5) change the length designation in part number to the desired length. For standard colors other than Off White, add suffix BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange), VL (Violet) or GY (Gray) before Y in the part number. For example, the part number for a blue 5 meter patch cord is NK6PC5MBUY.

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Dimensions are in inches [Dimensions in brackets are metric]

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