

# NetKey™ Category 6A UTP Patch Cords

Asia Pacific

**PANDUIT™**  
SPECIFICATION SHEET

## SPECIFICATIONS

Category 6A/Class E<sub>A</sub>, UTP patch cords shall be constructed of 26 AWG twisted pair stranded copper cable with a UTP modular plug on each end. Patch cord cable shall be offered in multiple colors for design flexibility with a strain relief boot on each end. All patch cords shall be wired to be compatible with both T568A and T568B wiring schemes.



## TECHNICAL INFORMATION

<b>Category 6A/Class E<sub>A</sub> performance:</b>	Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class E <sub>A</sub> channel requirements at swept frequencies up to 500 MHz Meets ANSI/TIA-568.2-D and ISO 11801 Category 6 component requirements at swept frequencies up to 250 MHz
<b>FCC compliance:</b>	Complies with ANSI/TIA-1096A (formerly FCC Part 68); contacts plated with 50 microinches of gold
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>PoE compliance:</b>	Supports IEEE 802.3af/802.3at and 802.3bt type 3 and type 4 PoE applications
<b>c(UL)us compliance:</b>	UL 1863 and CAN/CSA-C22.2 (UL File E129886)
<b>RoHS compliance:</b>	Compliant
<b>Cable diameter:</b>	5.9mm (0.023 in.)
<b>Flame rating:</b>	CM rated

## KEY FEATURES AND BENEFITS

<b>Performance tested:</b>	Confidence that each patch cord delivers specified performance
<b>Slender strain relief boot:</b>	Provides easy access in high-density applications
<b>Common colors and lengths available:</b>	Meets individual length and color-coding requirements

## APPLICATIONS

Applications include:

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

### NetKey Category 6A UTP Patch Cords

**Meter lengths:** NKU6APC\*M<sup>^</sup>

### NetKey Category 6A UTP Jack Modules

**PD style module:** NK6X88M<sup>^^</sup>

### NetKey Patch Panels with Labels

**24-port, 1 RU, with 6 NK4MFL:** NKFP24

**48-port, 2 RU, with 12 NK4MFL:** NKFP48

### NetKey Patch Panels with Labels

**24-port, 1 RU, with 6 NK4MF:** NKFP24Y

**48-port, 2 RU, with 12 NK4MF:** NKFP48Y

### Strain Relief Bars

**Straight:** SRBS19BL-XY

**Extended 2":** SRB19BLY

**With hook and loop ties:** SRBM19BLY

**With adjustable clips:** SRBWCY

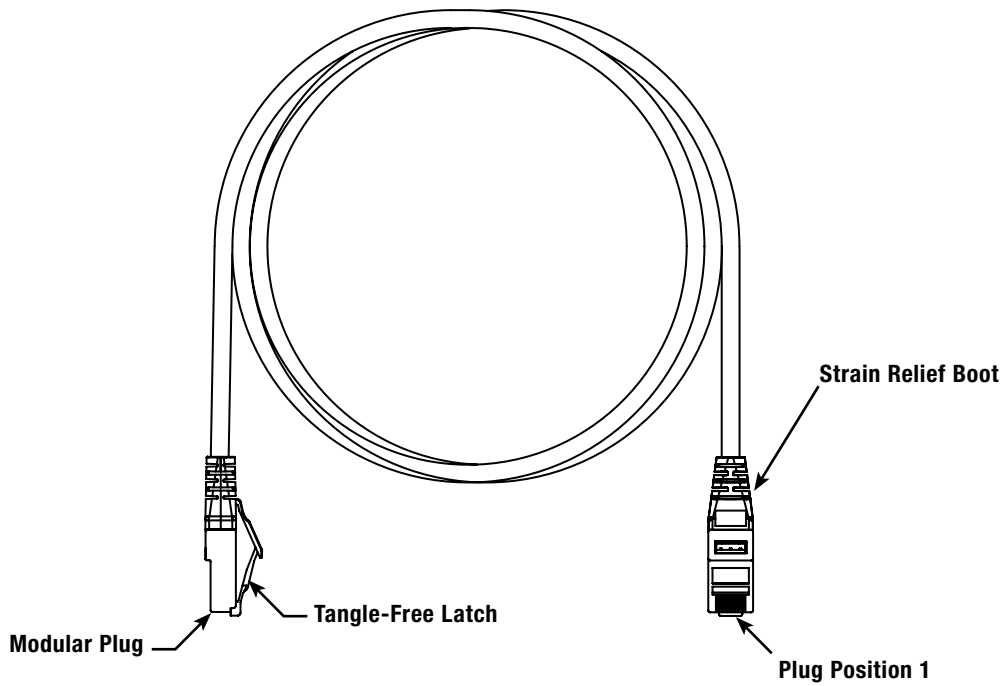
**Multi-depth:** SRB19MDBL

\*Meter lengths: 1- 5, 7, or 10 meters  
^Color: Blank (Off-White), BU (Blue), RD (Red)

^^Colors: Blank (Off-White), WH (White), AW (Arctic White), EI (Electric Ivory), IG (International Gray), BU (Blue), BL (Black), GR (Green), RD (Red), YL (Yellow)

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## ENGINEERING DRAWING



T568B Wiring Scheme	
Plug Position	Cable Wire
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown

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

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