

# NetKey™ Category 6 UTP Patch Cord

Asia Pacific

**PANDUIT**<sup>™</sup>  
SPECIFICATION SHEET

## SPECIFICATIONS

Category 6/Class E patch cords shall be constructed of UTP 24 AWG stranded copper cable and a modular plug at each End. Patch cords shall be used in all work area outlets and patch panels. Patch cords shall be wired to be compatible with both T568A and T568B wiring schemes.



## TECHNICAL INFORMATION

<b>Category 6/Class E performance:</b>	Meets TIA/EIA Category 6 and ISO Class E performance requirements for NEXT and RL when properly terminated to category compliant cable
<b>Cable diameter:</b>	0.23 in. (5.8mm)
<b>IEC compliance:</b>	IEC 60603-7
<b>FCC compliance:</b>	UL 1863, CSA Standard C22.2
<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>Flammability Rating:</b>	CM

## KEY FEATURES AND BENEFITS

<b>Performance tested:</b>	Confidence that each patch cord delivers specified performance
<b>Over-molded boot:</b>	Prevents snags and provides easy release
<b>Slender strain relief boot:</b>	Durable foam product withstands application environment to allow safe installation within the data center
<b>Perforation design:</b>	Provides easy access in high-density applications
<b>Common colors and lengths available:</b>	Meets common length and color-coding requirements

## APPLICATIONS

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

### NetKey Category 6 UTP Patch Cords

**Meter lengths:** NKU6PC\*M<sup>^</sup>

**Foot lengths:** NKU6PC\*<sup>^A</sup>

### NetKey Category 6 UTP Jack Modules

**TG style module:** NK688M<sup>^^</sup>

### NetKey Patch Panels with Labels

**24-port, 1 RU (with 6 NK4MFL):** NKFPL24

**48-port, 2 RU (with 12 NK4MFL):** NKFPL48

### NetKey Patch Panels without Labels

**24-port, 1 RU (with 6 NK4MFL):** NKFPA24

**48-port, 2 RU (with 12 NK4MFL):** NKFPA48

### Strain Relief Bars

**Straight:** SRBS19BL-XY

**Extended 2":** SRB19BLY

**With hook and loop ties:** SRBM19BLY

**With adjustable clips:** SRBWCY

**Deep, 5":** SRB19D5BL

**Deep, 7":** SRB19D7BL

**Multi-depth:** SRB19MDBL

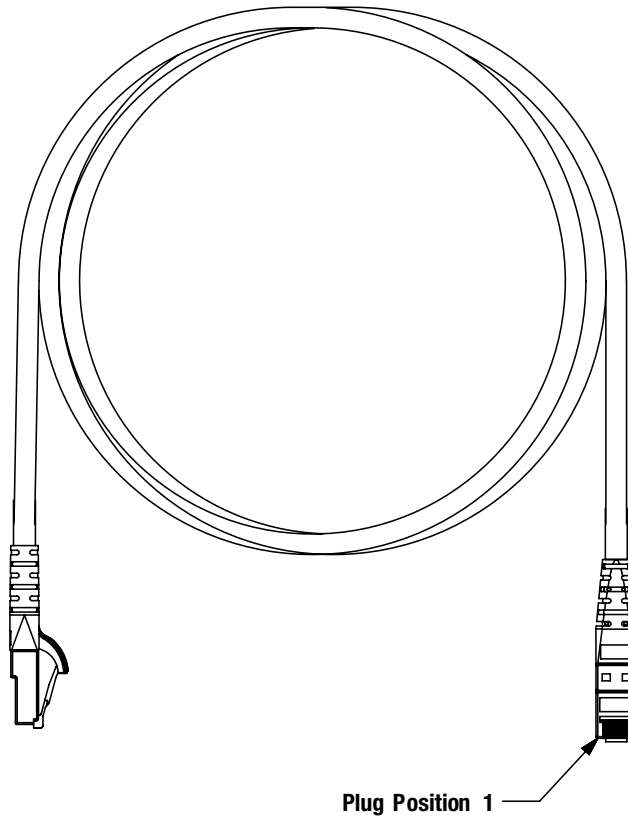
\*Meter lengths: 1, 2, 3, 4, 5, 7, or 10 meters

\*\*Foot lengths: 1 - 10, 15, 20, or 25 feet  
<sup>^</sup>Colors other than Off White: BU (Blue), BL (Black), GR (Green), RD (Red), YL (Yellow)

<sup>^^</sup>Colors: BU (Blue), BL (Black), WH (White), GR (Green), RD (Red), YL (Yellow) IG (International Gray), EI (Electric Ivory), IW (Off White)

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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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