

NetKey™ Category 6A UTP Patch Cords

Asia Pacific

PANDUIT™
SPECIFICATION SHEET

SPECIFICATIONS

Category 6A/Class EA UTP patch cords shall be constructed of 26 AWG twisted pair stranded copper cable with a UTP modular plug on each end. Patch cords are offered in off white, blue, and red UTP cable for design flexibility. All patch cords shall be wired to be compatible with both T568A and T568B wiring schemes.



TECHNICAL INFORMATION

Category 6A/Class EA performance:	Exceeds ANSI/TIA-568.2-D Category 6A and ISO 11801 Class EA 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
FCC compliance:	Complies with ANSI/TIA-1096A (formerly FCC Part 68); contacts plated with 50 microinches of gold
IEC compliance:	Meets IEC 60603-7
PoE compliance:	Supports IEEE 802.3af/802.3at and 802.3bt type 3 and type 4 PoE applications
c(UL)us compliance:	UL 1863 and CAN/GSA-C22.2 (UL File E129886)
RoHS compliance:	Compliant
Cable diameter:	5.9mm
Flame rating:	CM rated

KEY FEATURES AND BENEFITS

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

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)

NetKey Category 6A Patch Cords

Meter lengths: NKU6APC*M^

NetKey Category 6A Jack Modules

PD style module: NK6X88M^^

NetKey Patch Panels with Labels

24-port, 1 RU, with 6 NK4MFL: NKFPL24

48-port, 2 RU, with 12 NK4MFL: NKFPL48

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

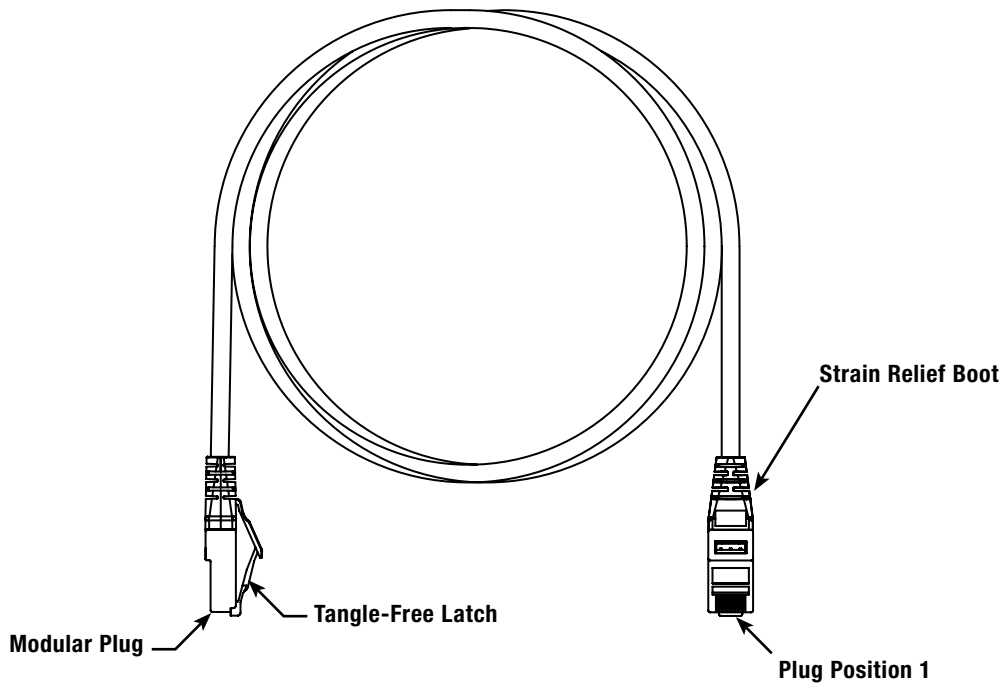
*Meter lengths: 1-5, 7, 10

^Colors other than Off White: BU (Blue) or RD (Red), YL (Yellow) or VL (Violet), IG (International Gray)

^^Colors: IW (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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