

NetKey™ Category 6A UTP Patch Cords

Asia Pacific

PANDUIT™
SPECIFICATION SHEET

SPECIFICATIONS

Category 6A/Class E_A, 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

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 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/CSA-C22.2 (UL File E129886)
RoHS compliance:	Compliant
Cable diameter:	5.9mm (0.023 in.)
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), 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[^]

NetKey Category 6A UTP Jack Modules

PD style module: NK6X88M^{^^}

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

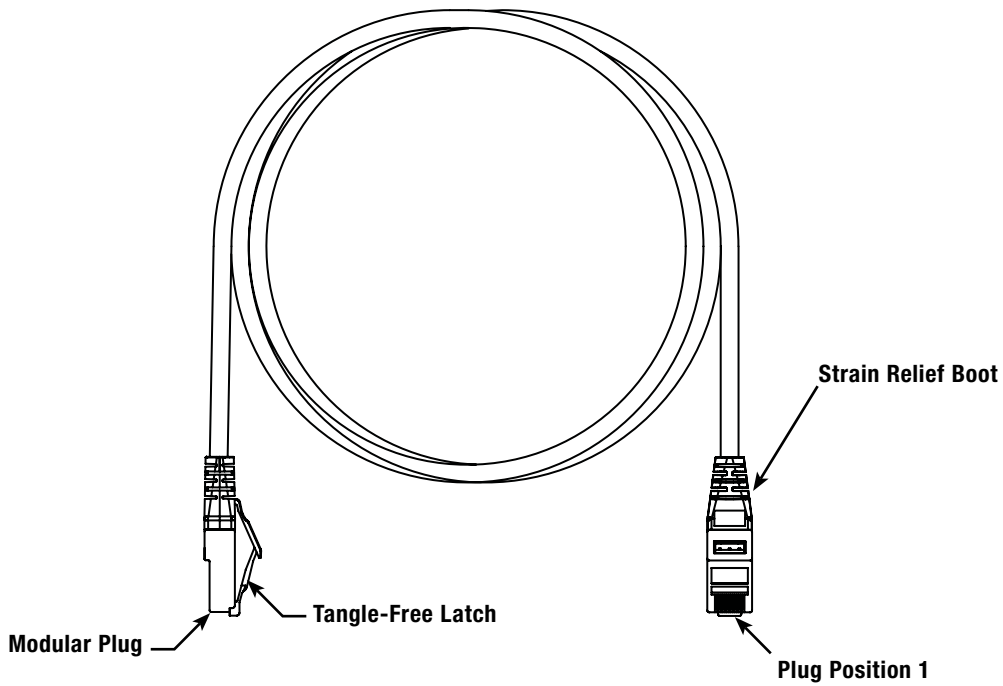
Multi-depth: SRB19MDBL

*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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