NetKey™ Category 6A UTP Patch Cords – APAC

PANDUIT™

DATA SHEET

specifications

Category 6A/Class E_A UTP patch cords are 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 are 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 channel requirements at swept frequencies up to 250 MHz
	Meets ANSI/TIA-568.2-D and ISO 11801 Category 6 component requirements at swept frequencies up to 500 MHz
Cable diameter:	5.9mm
FCC compliance:	Complies with ANSI/TIA-1096-A (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
Safety compliance:	cULus Listed; UL 1863 and CAN/CSA-C22.2 (UL File E129886)
RoHS compliance:	Compliant
Flammability 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 common 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)

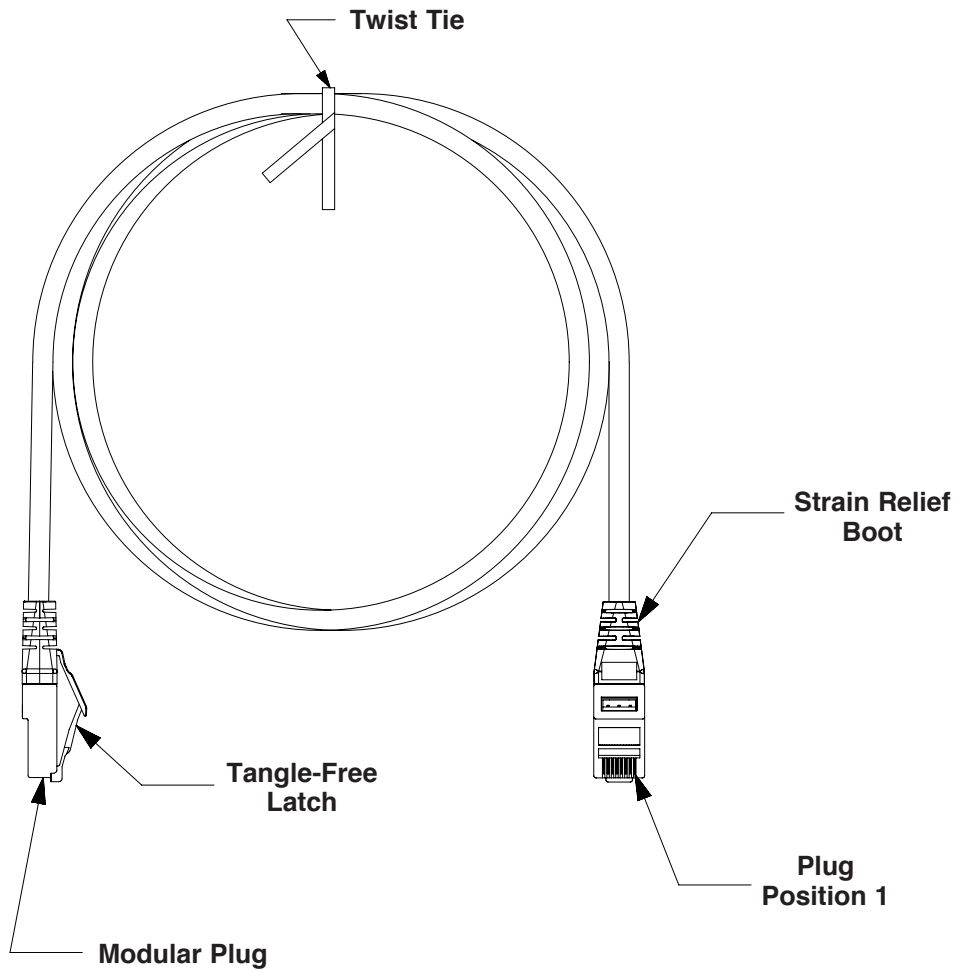| NetKey™ Category 6A Patch Cords	
Meter lengths:	NKU6APC^M*
NetKey™ Category 6A Jack Modules	
PD style module:	NK6X88M**
NetKey™ Patch Panels with Labels	
24-port, 1 RU, with 6 NK4MFL:	NKFPL24
48-port, 2 RU, with 12 NK4MFL:	NKFPL48
NetKey™ Patch Panels without Labels	
24-port, 1 RU, with 6 NK4MF:	NKFPA24Y
48-port, 2 RU, with 12 NK4MF:	NKFPA48Y
NetKey™ Angled Patch Panels without Labels	
24-port, 1 RU, with 6 NK4MF:	NKFPA24
48-port, 2 RU, with 12 NK4MF:	NKFPA48
Strain Relief Bars	
Straight:	SRBS19BL-XY
Extended 2":	SRB19BLY
With hook and loop ties:	SRBM19BLY
With adjustable clips:	SRBWCY
Deep, 5":	SRB19D5BLY
Deep, 7":	SRB19D7BLY
Multi-depth:	SRB19MDBL

^Denotes length in meters (1-5, 7, 10).

* To designate a color, add suffix BU (Blue), RD (Red), or leave blank for Off White.

**To designate a color, add suffix IW (Off White), WH (White), AW (Arctic White), EI (Electric Ivory), IG (Int'l Gray), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green), VL (Violet), or YL (Yellow).

Twist Tie

Strain Relief Boot

Tangle-Free Latch

Plug Position 1

Modular Plug

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

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