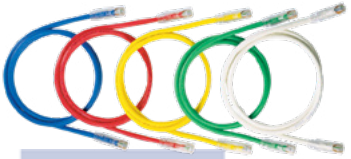
NetKey™ Category 6A UTP Patch Cords

North America,
Latin America,
Europe, Middle East,
Africa

PANDUIT™
SPECIFICATION SHEET

SPECIFICATIONS

Category 6A/Class EA UTP; patch cords shall be constructed of 26 AWG unshielded twisted pair stranded copper cable with a UTP modular plug on each end. Patch cords shall be offered in multiple colors for design flexibility with a strain relief boot on each modular plug. 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-1096-A (formerly FCC Part 68); contacts plated with 50 microinches of gold for superior performance
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:	0.25 in. (6.4mm)
Flame rating:	CM/LSZH dual rated

KEY FEATURES AND BENEFITS

100% Performance tested for wire map, NEXT, and return loss:	Confidence that each patch cord delivers specified performance
Integral pair manager:	Optimizes performance and consistency by reducing untwist at plug
Patented tangle free latch:	Prevents snags and provides easy release saving time on frequent moves, adds, and changes
Slender strain relief boot:	Provides easy access in high-density applications
Identification:	Provides identification of performance level, length, and quality control number for future traceability
Variety of colors and lengths available:	Meets individual length and color-coding requirements

APPLICATIONS

The NetKey Category 6A UTP Patch Cords are a component of the NetKey Category 6A Copper Cabling System. Interoperable and backward compatible, this end-to-end system provides design flexibility to protect network investments well into the future. Applications include:

- 10GBASE-T Ethernet
- Wireless deployment
- Power over Ethernet
- Video streaming

NetKey Category 6A UTP Patch Cords	
Feet lengths:	NK6APC*^
Meter lengths:	NK6APC**M^

*Feet Lengths: 1 - 20, 25, 30, 40, and 50 feet
**Meter Lengths: 1 - 5, 7, 10, and 12 meters
^Color other than Off White: BU (Blue), BL (Black), GR (Green), GY (Gray), RD (Red), YL (Yellow)
◊Lengths 1 meter to 15 meters or 1 foot to 49 feet are guaranteed to meet TIA and ISO component and channel requirements. Lengths greater than 15 meters or 49 feet are guaranteed to meet ISO component and both TIA and ISO channel requirements.

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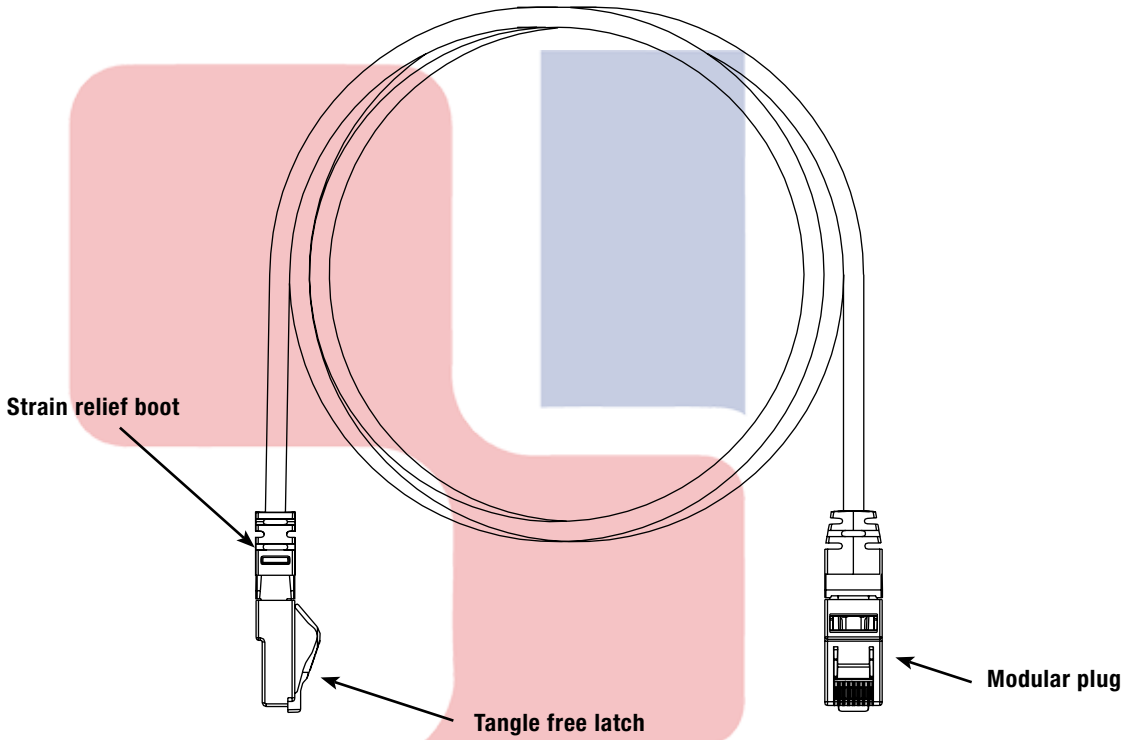
NetKey™ Category 6A UTP Patch Cords

ENGINEERING DRAWING



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