

NetKey™ Category 6 UTP Patch Cords – APAC

specifications

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



technical information

Category 6/Class E performance:	Exceeds ANSI/TIA-568.2-D Category 6 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 250 MHz
Cable diameter:	0.228 in. (5.8mm) nominal
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
Over-molded boot	Prevents snags and provides easy release
Slender strain relief boot	Durable foam product withstands application environment to allow safe installation within the data center
Perforation design	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 6 Patch Cords

Foot lengths:	NKU6CPC [^] **
Meter lengths:	NKU6CPC [^] M**

NetKey™ Category 6 Jack Modules

TG style module:	NK688M**
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**To designate a color, add suffix IW (Off White), EI (Electric Ivory), IG (Int'l Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green) or YL (Yellow).

NetKey™ Patch Panels with Labels

24-port, 1 RU, includes 6 NK4MFL:	NKFPL24
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48-port, 2 RU, includes 12 NK4MFL:	NKFPL48
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NetKey™ Patch Panels without Labels

24-port, 1 RU, includes 6 NK4MF:	NKF24Y
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48-port, 2 RU, includes 12 NK4MF:	NKF48Y
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NetKey™ Angled Patch Panels without Labels

24-port, 1 RU, includes 6 NK4MF:	NKFPA24
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48-port, 2 RU, includes 12 NK4MF:	NKFPA48
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Strain Relief Bars

Straight:	SRBS19BL-XY
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Extended 2":	SRB19BLY
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With hook and loop ties:	SRBM19BLY
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With adjustable clips:	SRBWCY
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Deep, 5":	SRB19D5BLY
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Deep, 7":	SRB19D7BLY
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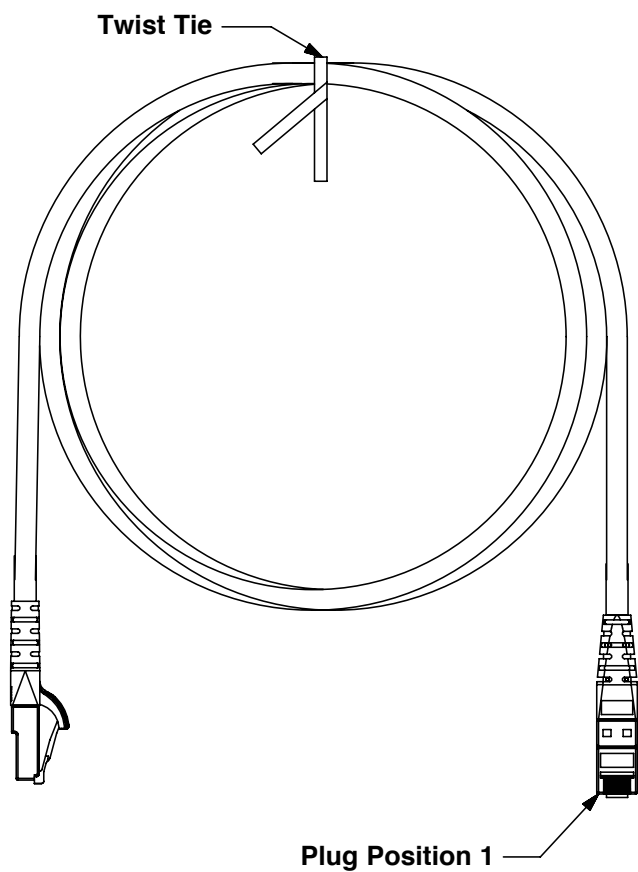
Multi-depth:	SRB19MDBL
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[^] Foot lengths: 1-10, 15, 20, 25

[^] Meter lengths: 1-5, 7, 10

** Colors: BU (Blue), RD (Red), WH (Off-White), YL (Yellow), BL (Black), GR (Green)

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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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