

SPECIFICATIONS

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



TECHNICAL INFORMATION

Category 6/Class E performance:	Meets TIA/EIA Category 6 and ISO Class E performance requirements for NEXT and RL when properly terminated to category compliant cable
Cable diameter:	0.23 in. (5.8mm)
IEC compliance:	IEC 60603-7
FCC compliance:	UL 1863, CSA Standard C22.2
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
Flammability Rating:	CM

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

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- 55 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM Table Bullet
- Token Ring 4/16
- Voice over internet protocol (VoIP)

NetKey Category 6 UTP Patch Cords

Meter lengths:	NKU6PC*M^
Foot lengths:	NKU6PC*^A

NetKey Category 6 UTP Jack Modules

TG style module:	NK688M^^
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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 NK4MFL):	NKFPA24
48-port, 2 RU (with 12 NK4MFL):	NKFPA48

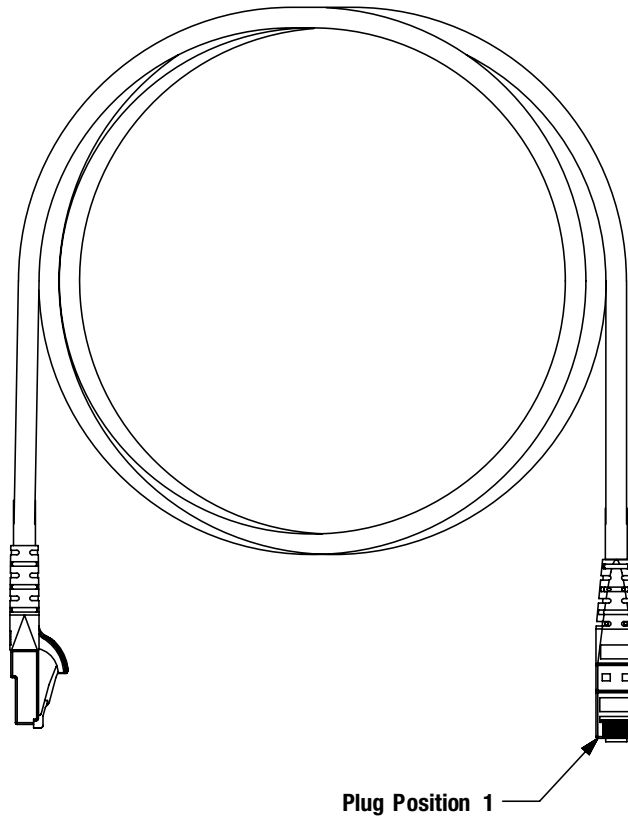
Strain Relief Bars

Straight:	SRBS19BL-XY
Extended 2":	SRB19BLY
With hook and loop ties:	SRBM19BLY
With adjustable clips:	SRBWCY
Deep, 5":	SRB19D5BL
Deep, 7":	SRB19D7BL
Multi-depth:	SRB19MDBL

*Meter Lengths: 1, 2, 3, 4, 5, 7, 10
 **Foot Lengths: 1-10, 15, 20, 25
 ^Colors other than Off White: BU (Blue), BL (Black), GR (Green), RD (Red), YL (Yellow)
 ^^Colors: BU (Blue), BL (Black), WH (White), GR (Green), RD (Red), YL (Yellow) IG (International Gray), EI (Electric Ivory), IW (Off White)

NetKey™ Category 6 UTP Patch Cord

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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