

Shielded Category 6 Patch Cords

Europe, Middle East,
Africa, Asia Pacific

PANDUITTM
SPECIFICATION SHEET

SPECIFICATIONS

Category 6/Class E S/FTP patch cords shall be constructed of 26 AWG stranded copper cable and a modular plug at each end. Patch cords shall be used in all work areas, 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:	Exceeds ANSI/TIA-568.2-D Category 6 and ISO 11801 Class E channel requirements at swept frequencies up to 250 MHz
Cable diameter:	0.232 in. (5.9mm) 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
RoHS compliance:	Compliant
Flammability rating:	Low-Smoke Zero-Halogen (LSZH) 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:	Provides easy access to high-density applications
Robust construction:	Rated to 2500 mating cycles

APPLICATIONS

- 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)

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Meter lengths: S6PC[^]M**

Strain Relief Bars

Straight: SRBS19BL-XY

Extended 2": SRB19BLY

With hook and loop ties: SRBM19BLY

With adjustable clips: SRBWCY

Multi-depth: SRB19MDBL

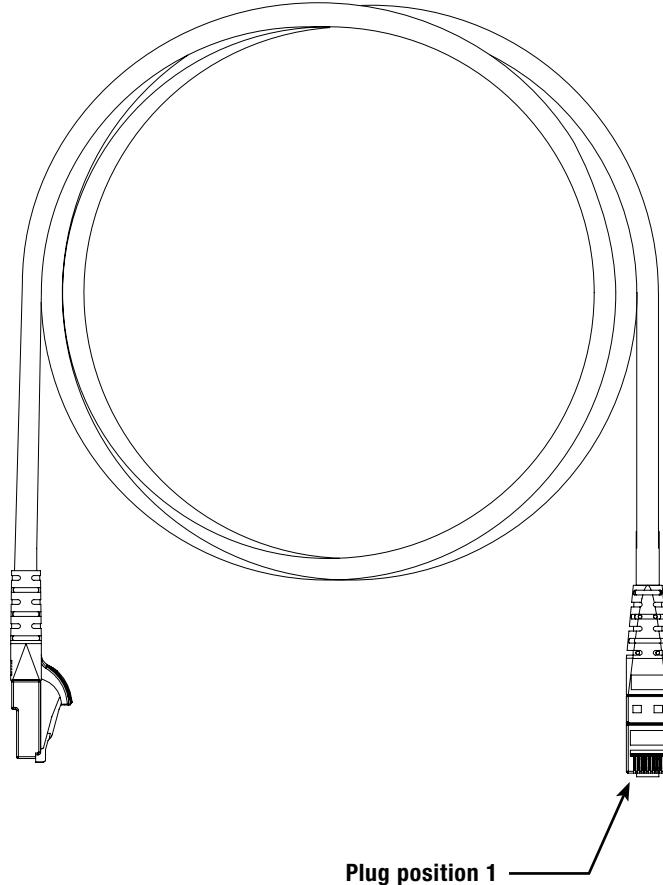
^Meter lengths: 1 - 3.5 meters (every 0.5 meter)
5 - 15 (every 5 meters)

**Colors: BU (Blue) or IG (International Gray)

◊Lengths 1 meter to 15 meters or 6 inches to 49 feet are guaranteed to meet TIA and ISO component and channel requirements.

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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

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