PanZone® Category 6A Shielded Cable Assemblies

specifications

Zone cabling assemblies shall be constructed of Category 6A, 23 AWG, solid, shielded, F/UTP, twisted pair cable and available in plug-to-plug or jack-to-plug termination configurations. Cable assemblies shall be available in Low Smoke Zero Halogen (LSZH), Plenum or Riser flammability ratings and shall be wired according to T568B guidelines. A variety of lengths shall be available for design flexibility.

technical information

Category 6A/Class E_A channel and permanent link performance:	Exceeds all ANSI/TIA-568-C.2 Category 6A and ISO 11801 Class E_A channel and permanent link standards requirement
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A requirements; contacts plated with 50 micro inches of gold for superior performance
IEC compliance:	Meets IEC 60603-7; IEC 60754-1
PoE compliance:	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
C(UL)US listed:	UL 1863, CSA Standard C22.2
RoHS compliance:	Compliant
Operating temperature:	14°F to 140°F (-10°C to 60°C)
Installation temperature:	-40°F to 158°F (-40°C to 70°C)
Cable diameter:	0.290 in. (7.4 mm) nominal
Flammability rating:	Low Smoke Zero Halogen (LSZH), Plenum or Riser

key features and benefits

100% performance tested	Confidence that each cable assembly delivers Category 6A permanent link performance
Robust construction	Rated to 2500 mating cycles
Identification	Provides identification of performance level, length, and quality control number for future traceability
Patented tangle-free latch on modular plugs	Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes
Variety of lengths	Meets individual length requirements for greater system flexibility
Color bands (optional)	Snap onto cable, allowing additional color-coding options
RJ45 plug lock-in device (optional)	Secures plug into jack to prevent unauthorized removal of patch cord

applications

Zone cabling products are designed to provide an efficient and cost effective way to design and deploy cabling systems in data centers and open office architecture environments. Each zone cabling product serves as a main distribution point for a particular zone, increasing network flexibility, manageability, accessibility and efficiency. Utilizing a distributed network and a zone cabling topology for physical infrastructure can reduce telecommunication congestion. Zone cabling products accommodate multimedia solutions and can be used in floor, ceiling and all mount applications, which provide a complete end-to-end network solution. Zone cabling topology provides a scalable physical network infrastructure that meets the needs of today as well as the flexibility to deploy technology of tomorrow.

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PanZone® Category 6A Shielded Cable Assemblies

Plug-to-Plug

LSZH:	SAPLWH25M**
Plenum:	SAPPBU25*
Riser:	SAPRBU25

Jack-to-Plug

LSZH:	SAJLWH25MBL**
Plenum:	SAJPBU25BL*
Riser:	SAJRBU25BL*

TX6A™ 10Gig™ Shielded Copper Cable

U/FTP Cable LSZH (IEC 60332-1):	PUFL6X04BU-KD
Plenum:	PUFP6X04BU-UG
Riser:	PUFR6X04BU-UG
F/UTP Cable CM:	PFC6X04BU-CEG
LSZH (IEC 60332-1):	PFL6X04BU-CEG
LSZH (IEC 60332-3):	PFZ6X04BU-CEG
Plenum:	PFP6X04BU-UG
Riser:	PFR6X04BU-CG

Zone Enclosures

Active In-Ceiling Enclosure:	PZICEA^
Passive In-Ceiling Enclosure:	PZICE^
Raised Floor Zone:	PZRFE4U^^

TX6A™ 10Gig™ Shielded Jack Module

Jack module:	CJS6X88TGY
Shielded shuttered jack module:	CJSH6X88TGY

Consolidation Point Boxes

24 Port Consolidation Point Box:	CUFMB24BL
48 Port Consolidation Point Box:	CUFB48BL

*For lengths 10 to 100 feet (five foot increments) and 110, 120, 130, 140 or 150 feet, change the length designation in the part number to the desired length. For example, the part number for a 100 foot, jack-to-plug, Category 6A, shielded, blue, plenum cable assembly is SAPPBU100.
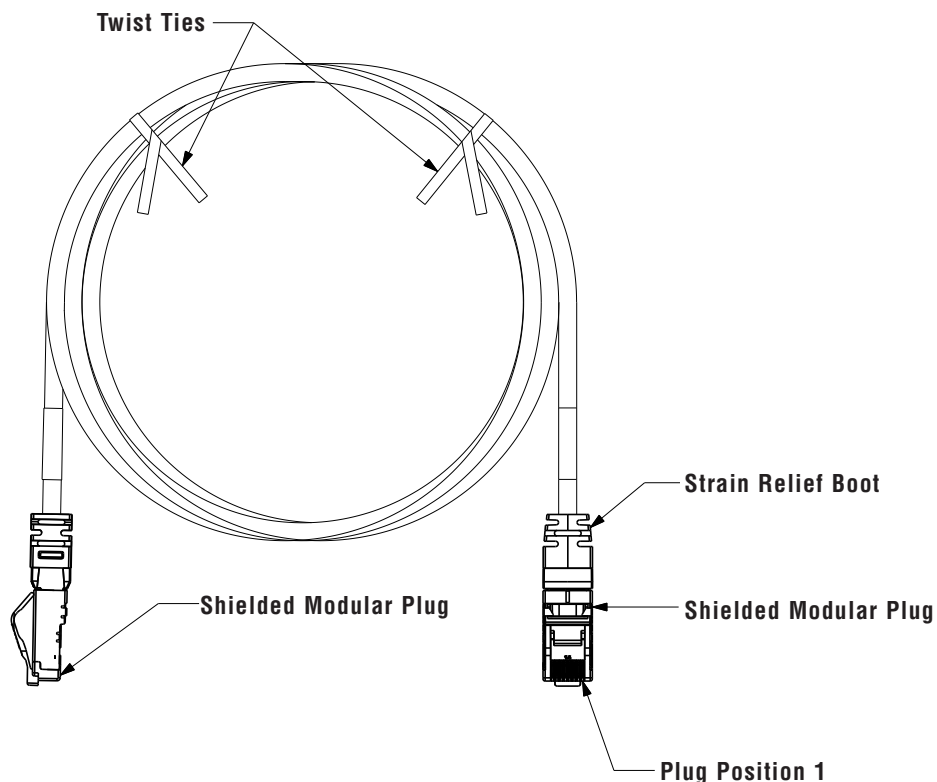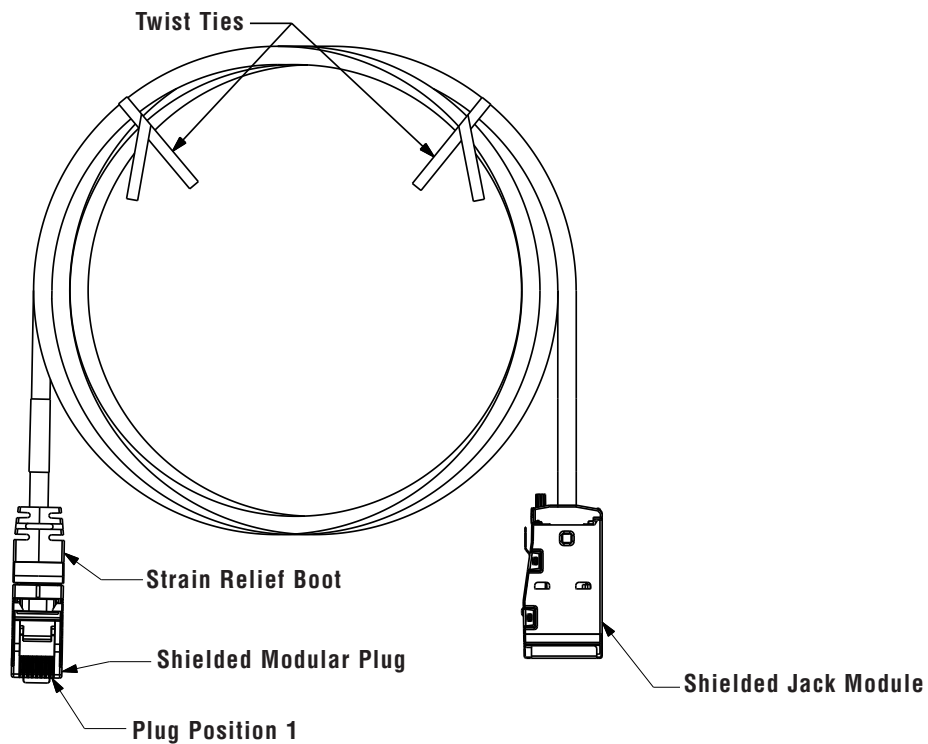
**Available in lengths from 4 meters to 50 meters, WH in part number represents white cable.

***For cable colors other than BU (Blue), replace BU in part number with WH (White). ^Low-cost version available. Add suffix "E" to end of part number. ^^Available in 4 RU, 8 RU, and 12 RU.

Twist Ties

Strain Relief Boot

Shielded Modular Plug

Shielded Jack Module

Plug Position 1

Twist Ties

Strain Relief Boot

Shielded Modular Plug

Shielded Modular Plug

Plug Position 1

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For a copy of Panduit product wharranties, log on to www.panduit.com/warranty

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or by phone: 800.777.3300

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