

PanZone® Category 6 UTP Cable Assemblies

specifications

Zone cable assemblies shall be constructed of Category 6, 23 AWG, solid, UTP, twisted pair cable and available in plug-to-plug or jack-to-plug termination configurations. All cable assemblies shall be available in plenum, riser or LSZH (Low Smoke Zero Halogen) flammability ratings and shall be wired according to T568B guidelines. A variety of length shall be available for design flexibility.



technical information

Category 6/Class E_A channel and permanent link performance:	Exceeds all ANSI/TIA-568-C.2, Category 6 ISO 11801 Class E, EN50173-1: 2002 (LSZH) 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
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:	0.240 in. (6.1 mm) nominal
Flammability rating:	Plenum, Riser or LSZH (IEC 60745-1)

key features and benefits

100% performance tested	Confidence that each cable assembly delivers Category 6 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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Plug-to-Plug

Plenum:	UPPBU25*
Riser:	UPRBU25*
LSZH:	UPLBU10M**

Jack-to-Plug

Plenum:	UJPBU25BL*
Riser:	UJRBU25BL*
LSZH:	UJLBU10MBL**

Category 6 UTP Copper Cable***

CM:	PUC6004BU-FE
Plenum:	PUP6004BU-UY
Riser:	PUR6004BUY
LSZH :	PUL6004BU-KE
LSZH (60332-1):	PUL6004BU-FE
LSZH (60332-3):	PUZ6004BU-CEG

Zone Enclosures

Active In-Ceiling Enclosure: PZICEA^

Passive In-Ceiling Enclosure: PZICE^

Raised Floor Zone: PZRFE4U^^

Consolidation Point Boxes

24 Port Consolidation Point Box: CUFMB24BL

48 Port Consolidation Point Box: CUFB48BL

TX6™ PLUS UTP Jack Modules****

Jack module: CJ688TGBU
Shuttered jack module: CJH688TGBU

*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 6, plenum cable assembly is UJPBU100BL.

**Available in lengths from 3 meters to 80 meters.

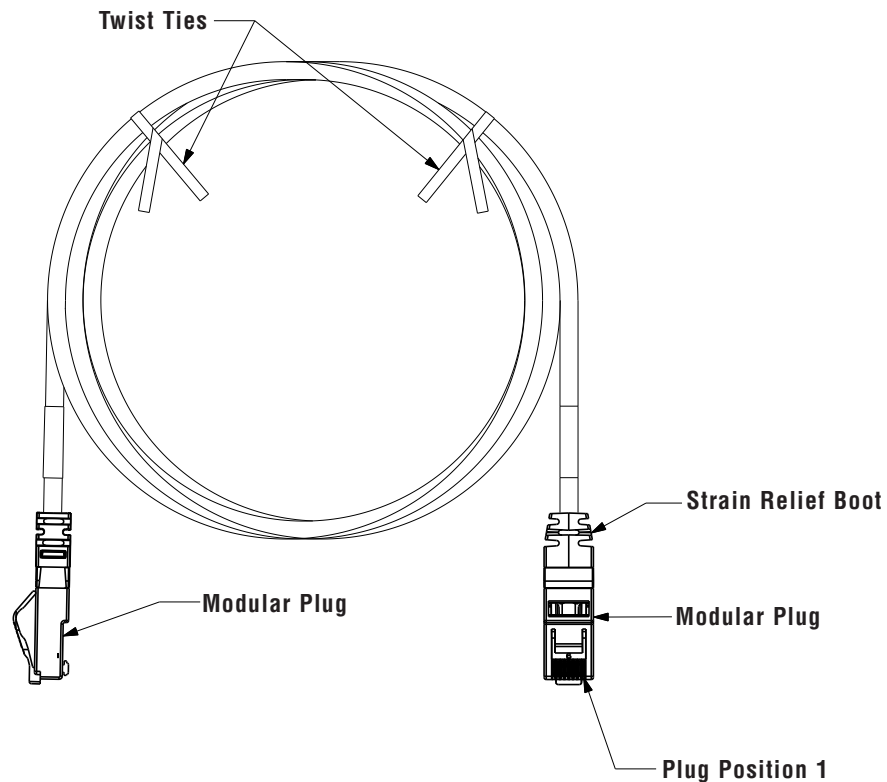
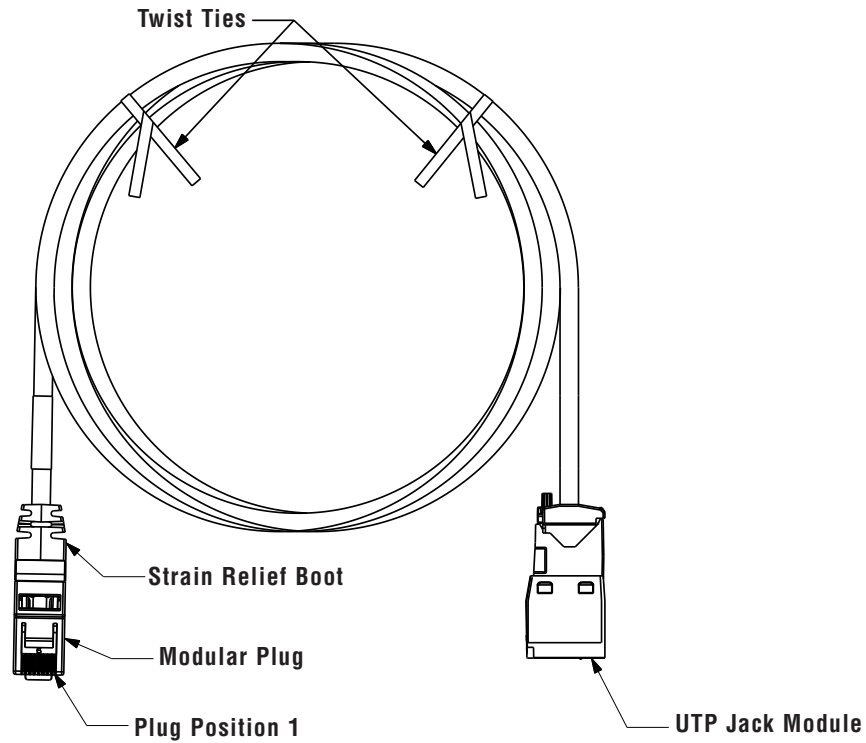
***Cable color suffix BU = Blue, WH = White. Other colors also available. Contact customer service for more information.

****Jack modules available in a variety of standard colors and/or lengths. Visit www.panduit.com, or contact customer service for more information.

^Low-cost version available. Add suffix "E" to end of part number.

^^Available in 4 RU, 8 RU, and 12 RU.

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Manufactured in Romania, Costa Rica and China.

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For more information

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