

# PANZONE® Category 6 Cable Assemblies

## specifications

Cable assemblies shall be constructed of Category 6, 23/26 AWG, solid twisted pair cable and available in plug-to-plug or jack-to-plug configurations. UTP and FTP cable assemblies shall be available in plenum, riser, or Low Smoke Zero Halogen (LSZH) flame ratings and shall be wired according to T568B guidelines. Cable assemblies shall be used in outlets and patch panels found in work areas, cabling boxes, consolidation points and enclosures of zone cabling applications.



## technical information

<b>Electrical performance:</b>	Exceeds all Category 6/Class E component and channel standard requirements
<b>FCC compliance:</b>	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7
<b>UL rated:</b>	UL No. 1863
<b>Cable diameter:</b>	UTP Plenum/Riser 0.250 in. (6.4mm) nominal LSZH 0.330 in. (8.4mm) nominal Shielded Plenum/Riser 0.244 in. (6.2mm) nominal LSZH/CM dual rated

## key features and benefits

<b>100% performance tested</b>	Confidence that each cable assembly delivers specified performance
<b>Variety of lengths</b>	Meets individual length requirements for greater system flexibility
<b>Identification</b>	Provides identification of performance level, length, and quality control number for future traceability
<b>Patented tangle free latch on modular plugs</b>	Prevents snags and provides easy release, saving time and providing reliability during frequent moves, adds, and changes
<b>Color bands (optional)</b>	Snap onto cable, allowing additional color-coding options

## applications

Zone cabling products are designed to provide an efficient and cost effective way to design and deploy cabling systems in 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 wall 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 the technology of tomorrow.

### PANZONE® Plug to Plug Cable Assemblies

<b>UTP Category 6 Plenum:</b>	UPPBU25Y*
<b>Riser:</b>	UPBU25Y*
<b>LSZH:</b>	UPLBU10MY**

### PANZONE® Plug to Jack Module Cable Assemblies

<b>UTP Category 6 Plenum:</b>	UJPBU25BLY*
<b>Riser:</b>	UJBU25BLY*
<b>LSZH:</b>	UJLBU10MBLY**
<b>Shielded Category 6 LSZH/CM dual rated:</b>	F6JBP5ZIB10MBLY**

### TX6000™ UTP Copper Cable†

<b>Plenum:</b>	PUP6004BU-UY
<b>Riser:</b>	PUR6004BU-UY

### MINI-COM® TX6™ PLUS Jack Modules‡

<b>UTP:</b>	CJ688TGIG
<b>Shielded:</b>	CJS688TG

### TX6™ PLUS UTP Patch Cords‡

<b>Foot lengths:</b>	UTPSP***Y
<b>Meter lengths:</b>	UTPSP***Y

### TX6™ 10Gig™ Shielded Patch Cords‡

<b>Foot lengths:</b>	STP6X*Y
<b>Meter lengths:</b>	STP6X**Y

### Patch Cord Color Bands

<b>Color band:</b>	PCBAND^A-Q
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### PANZONE® In-Ceiling Enclosures

<b>Active enclosure:</b>	PZICEA
<b>Passive enclosure:</b>	PZICE

### PANZONE® Active Wall Mount Enclosure

<b>Enclosure:</b>	PZAEWM3
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### PANZONE® Wall Mount Cabinets

<b>Solid door:</b>	PZC12S
<b>Perforated door:</b>	PZC12P
<b>Window door:</b>	PZC12W
<b>Horizontal cable manager:</b>	PZCHSM2

### PANZONE® Raised Floor Enclosures and Cover

<b>4 RU:</b>	PZRFE4
<b>8 RU:</b>	PZRFE8
<b>12 RU:</b>	PZRFE12
<b>Lockable cover:</b>	PZRFC

### PANZONE® Consolidation Point Boxes

<b>24-port underfloor:</b>	CUFMB24BL
<b>48-port underfloor:</b>	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, plug to plug, Category 6, UTP, plenum cable assembly is UPPBU100Y.

\*\*For lengths 3, 5, 7, 10, 15 and 20 meters, change the length designation in the part number to the desired length. For example, the part number for a 20-meter, plug to plug, Category 6, LSZH cable assembly is UPLBU20MY.

†For additional colors and/or lengths, reference

PANDUIT® PAN-NET® Network Solutions Catalog, SA-NCCB46.

^To designate color, add suffix WH (White), EL (Electric Ivory), IG (Intri Gray), BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), OR (Orange) or VL (Violet) before -Q in part number

\*\*\*For lengths 1 to 20 feet (increments of one foot) and 25, 30, 35, 40 feet, change the length designation in the part number to the desired length. For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange) or VL (Violet). For example, the part number for a blue 15-foot patch cord is UTPSP15BU.

\*\*\*For lengths 1 to 10 meter (increments of one meter) and 0.5, 1.5, 2.5, 15, 20, 25, 30, 40 meters, change the length designation in the part number to the desired length. For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), RD (Red), GR (Green), YL (Yellow), OR (Orange) or VL (Violet) after the M in the part number. For example, the part number for a 15-meter blue patch cord is UTPSP15MBU.

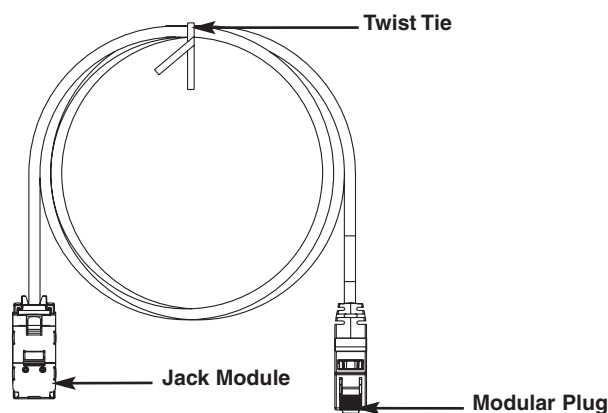
•For lengths 2 to 20 feet (increments of one foot) and 25, 30, 35, 40 feet change the length designation in the part number to the desired length. To designate cable color other than IG (International Gray), BL (Black), BU (Blue), BR (Green), RD (Red), YL (Yellow), OR (Orange) or VL (Violet) to the end of the part number. For example, the part number for a 15 foot blue patch cord is STP6X15BU.

••For lengths 2 to 10 meters (increments of one meter) and 2.5, 15, 20, 25, 30, 35, 40 meters, change the length designation in the part number to the desired length. To designate cable color add IG (International Gray), BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange) or VL (Violet) to the end of the part number. For example, the part number for a 15-meter patch cord is STP6X15MBU.

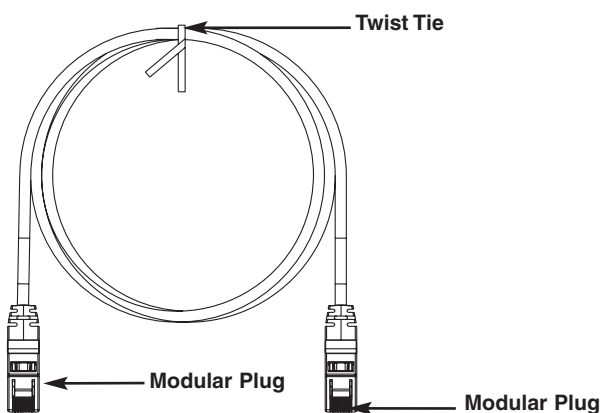
# PANZONE® Category 6 Cable Assemblies

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

## Plug to Jack Cable Assembly



## Plug to Plug Cable Assembly



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