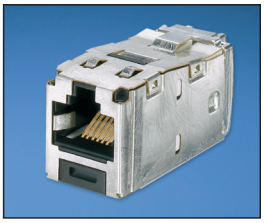
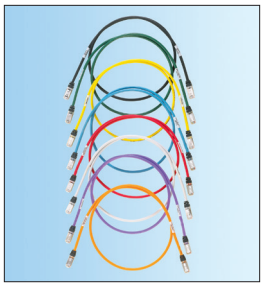
TX6A™ 10Gig™ Shielded Copper Cabling System Selection Guide

System features:

- Superior performance which exceeds requirements of ANSI/TIA-568-C.2 Category 6A, IEEE 802.3an-2006, and ISO 11801 Class E_A channel standards
- Jack modules are 100% tested to ensure NEXT and RL performance and are individually serialized for traceability; utilize patent-pending enhanced Giga-TX™ Technology for jack terminations; optimizes performance by maintaining cable pair geometry and eliminating conductor untwist
- Patch cords are 100% performance tested and wired T568B; constructed of 26 AWG stranded, LSZH/CM shielded copper cable and shielded modular plugs for superior performance (nominal cable diameter is 0.23 inches)
- All metal modular patch panels and shielded jack modules include integrated shielding which allows seamless integration with the Panduit® StructuredGround™ Grounding System



CJS6X88TGY



CP24BLY

CPA24BLY

CPA48HDBL

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Non-Keyed Jack Module			
CJS6X88TG*Y	Category 6A, RJ45, 10 Gb/s, 8-position, 8-wire universal shielded jack module with integral shield.	1	50
Keyed Jack Module			
CJSK6X88TGBL**	Keyed, Category 6A, RJ45, 10 Gb/s, 8-position, 8-wire universal shielded module with integral shield.	1	50
Non-Keyed Patch Cord			
STP6X3IG^	Category 6A, 10 Gb/s S/FTP patch cord with TX6™ PLUS Modular Plugs on each end.	1	10
Keyed Patch Cord			
STPK6X3BL^	Keyed, Category 6A, shielded patch cord with TX6™ PLUS Keyed Modular Plug on one end and TX6™ Non-Keyed Modular Plug on the other end.	1	10
Mini-Com® All Metal Modular Patch Panels			
CP24BLY	24-port all metal modular patch panel, 1 RU.	1	10
CP48BLY	48-port all metal modular patch panel, 2 RU.	1	10
CP72BLY	72-port all metal modular patch panel, 2 RU. Rear cable management is required to prevent twisting.	1	10
Mini-Com® All Metal Modular Patch Panels with Strain Relief Bar			
CP24WSBLY	24-port all metal modular patch panel with strain relief bar, 1 RU.	1	10
CP48WSBLY	48-port all metal modular patch panel with strain relief bar, 2 RU.	1	10
PATENTED **Mini-Com® All Metal Angled Modular Patch Panels**			
CPA24BLY	24-port angled all metal patch panel, 1 RU.	1	10
CPA48BLY	48-port angled all metal patch panel, 2 RU.	1	10
CPA72BLY	72-port angled all metal patch panel, 2 RU.	1	10
Mini-Com® Shielded High-Density Modular Patch Panels			
CP48HDBL	48-port modular patch panel, 1 RU.	1	10
CPA48HDBL	48-port angled modular patch panel, 1 RU.	1	10

*To designate color, add BU (Blue), RD (Red), YL (Yellow), GR (Green) or VL (Violet). For part number CJS6X88TGY (no designation), the color is black.

**To designate color, add suffix BL (Black), BU (Blue), RD (Red), YL (Yellow), GR (Green), or OR (Orange). Each color representing a different keyed configuration.

^Contact customer service or visit www.panduit.com for available patch cord colors and lengths.

Note: One rack space = 1.75" (44.45mm).

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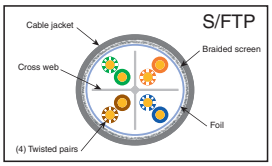
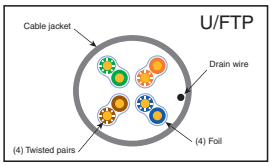
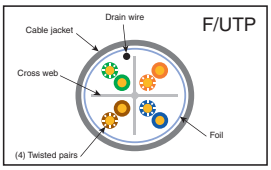
Shielded Copper Cable



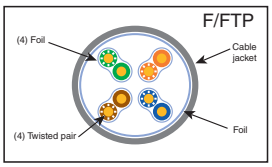
S/FTP: Braided screen around individual foiled twisted pairs



U/FTP: Unshielded with individual foiled twisted pairs



F/UTP: Foil screen around unshielded twisted pairs



F/FTP: Foil screen around individual foiled twisted pairs

Part Number	Part Description	Flame Rating	Length
TX7000™ S/FTP Shielded Copper Cable			
PSL7A04WH-KD*	Category 7A, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, S/FTP shielded copper cable. Copper conductors are 22 AWG construction with polyethylene insulation. Performance tested up to 1500 MHz.	LSZH-1	1,640 ft./ 500m
PSL7004WH-KD*	Category 7, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, S/FTP shielded copper cable. Copper conductors are 23 AWG construction with foamed skin PE insulation. Performance tested up to 1000 MHz.	LSZH-1	1,640 ft./ 500m
PSL7004WH-CED*	Category 7, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, S/FTP shielded copper cable. Copper conductors are 23 AWG construction with foamed skin PE insulation. Performance tested up to 600 MHz.	LSZH-1	1,640 ft./ 500m
TX6A™ 10Gig™ U/FTP Shielded Copper Cable			
PUFL6X04WH-KD*	Category 6A, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, U/FTP shielded copper cable. Conductors are 23 AWG with polyethylene (PE) insulation.	LSZH-1	1,640 ft./ 500m
PUFZ6X04WH-KD*	Category 6A, low smoke zero halogen (LSZH, IEC 60332-3), 4-pair, U/FTP shielded copper cable. Conductors are 23 AWG with polyethylene (PE) insulation.	LSZH-3	1,640 ft./ 500m
PUFP6X04BU-UG**	Category 6A, plenum (CMP), 4-pair, U/FTP shielded copper cable.Copper conductors are 23 AWG with FEP insulation. Conductors are twisted in pairs, each individual twisted pair includes a metallic foil shield and is protected by a low smoke, flame-retardant PVC jacket.	CMP	1,000 ft./ 305m
PUFR6X04BU-UG**	Category 6A riser (CMR) 4-pair U/FTP shielded copper cable. Conductors are 23 AWG with HDPE insulation. Conductors are twisted in pairs, each individual twisted pair includes a metallic foil shield and is protected by a low smoke, flame-retardant PVC jacket.	CMR	1,000 ft./ 305m
TX6A™ 10Gig™ F/UTP Shielded Copper Cable			
PFL6X04WH-CEG*	Category 6A, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, F/UTP shielded copper cable. Conductors are 23 AWG with PE insulation.	LSZH-1	1,000 ft./ 305m
PFZ6X04WH-CEG*	Category 6A, low smoke zero halogen (LSZH-3, IEC 60332-3), 4-pair, F/UTP shielded copper cable. Conductors are 23 AWG with PE insulation.	LSZH-3	1,000 ft./ 305m
PFC6X04WH-CEG*	Category 6A, (CM), 4-pair, F/UTP shielded copper cable. Conductors are 23 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a metallic foil shield and protected by a flame-retardant PVC jacket.	CM	1,000 ft./ 305m
PFR6X04BU-CG**	Category 6A, riser (CMR), 4-pair, F/UTP shielded copper cable. Conductors are 23 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, all four pairs surrounded by an overall metallic foil shield and protected by a riser jacket.	CMR	1,000 ft./ 305m
PFP6X04BU-UG**	Category 6A, plenum (CMP), 4-pair, F/UTP shielded copper cable. Conductors are 23 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, all four pairs surrounded by an overall metallic foil shield and protected by a plenum jacket.	CMP	1,000 ft./ 305m
TX6A™ 10Gig™ F/FTP Shielded Copper Cable			
PFFL6X04WH-CED*	Category 6A, low smoke zero halogen (LSZH, IEC 60332-1), 4-pair, F/FTP shielded copper cable. Conductors are 23 AWG with PE insulation.	LSZH-1	1,640 ft./ 500m
PFFZ6X04WH-CED*	Category 6A, low smoke zero halogen (LSZH, IEC 60332-3), 4-pair, F/FTP shielded copper cable. Conductors are 23 AWG with PE insulation.	LSZH-3	1,640 ft./ 500m

*For standard cable colors other than WH (White), replace WH in part number with BU (Blue).
**For standard cable colors other than BU (Blue), replace BU in part number with WH (White), IG (International Gray), or YL (Yellow).
Contact customer service for region availability and other colors.

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