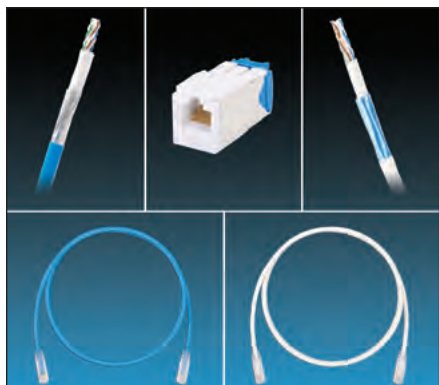# TX6A™ 10Gig™ UTP Copper Cabling System with Advanced MaTriX Technology Selection Guide
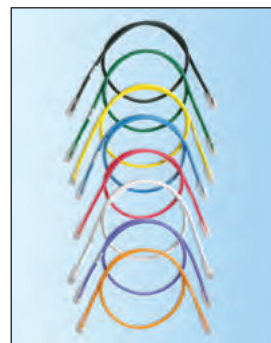

System requirements:

- Best-in-class cable diameter for 100-meter channel at 0.275 inches (7.0mm) (CMP)
- TX6A™ 10Gig™ UTP Copper Cabling Systems with Advanced MaTriX Technology provide headroom assurance that exceed 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 patented 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 24 or 26 AWG stranded, UTP copper cable and modular plugs for superior performance; nominal cable diameter is 0.275 in. (7.0mm) for 24 AWG and 0.240 in. (6.1mm) for 26 AWG

CJ6X88TGIW

CPPA48HDWBLY

CPP48HDEWBL

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Jack Module			
CJ6X88TGIW*	Category 6A, RJ45, 10 Gb/s, 8-position, 8-wire universal module. Includes patented MaTriX split foil tape.	1	50
Keyed Jack Module			
CJK6X88TGBL*	Keyed, Category 6A, RJ45, 10 Gb/s, 8-position, 8-wire universal module. Includes patented MaTriX split foil tape.	1	50
TX6A™ 10Gig™ UTP Patch Cord			
UTP6A3*	Category 6A, 24 AWG, 10 Gb/s UTP patch cord with TX6A™ 10Gig™ Modular Plugs on each end. Includes patented MaTriX Tape Technology.	1	10
TX6A-SD™ 10Gig™ UTP Patch Cord			
UTP6ASD3*	Category 6A (SD), 26 AWG, 10 Gb/s UTP patch cord with TX6A™ 10Gig™ Modular Plugs on each end. Includes patented MaTriX Tape Technology.	1	50
Keyed TX6A™ 10Gig™ UTP Patch Cord			
UTPK6A3BL*	Keyed, Category 6A, 24 AWG, 10 Gb/s UTP patch cord with TX6A™ 10Gig™ Keyed Modular Plug on one end and TX6A™ 10Gig™ Non-Keyed Modular Plug on the other end. Includes patented MaTriX Tape Technology.	1	10
Mini-Com® Angled Modular Patch Panels			
CPPA48HDWBLY	48-port, angled, modular patch panel with rear mounted faceplates. 1 RU.	1	10
CPPA72FMWBLY	72-port, angled, flush mount modular patch panels with rear mounted faceplates. 2 RU.	1	10
CPPA48HDEWBL	48-port, angled, high density modular patch panel with enhanced labeling features. 1 RU.	1	10
CPPA48HDVNSWBL	48-port, angled, high density modular patch panel with pre-printed vertical port numbering from top to bottom across panel. 1 RU.	1	10
Mini-Com® Flat Modular Patch Panels			
CPP48HDWBLY	48-port, high density modular patch panel with rear mounted faceplates. 1 RU.	1	10
CPP72FMWBLY	72-port, high density, flush mount modular patch panel with rear mounted faceplates. 2 RU.	1	10
CPP48HDEWBL	48-port, high density modular patch panel with enhanced labeling features. 1 RU.	1	10
CPP48HDVNSWBL	48-port, high density modular patch panel with pre-printed vertical port numbering from top to bottom across panel. 1 RU.	1	10

*Contact Customer Service or visit www.panduit.com for available standard module colors and/or patch cord colors and lengths.
^One rack space = 1.75" (44.45mm).

Unified Physical Infrastructure

building a smarter, unified business foundation
Connect. Manage. Automate.

PANDUIT®

UTP Copper Cable

**PUP6AM04BU-UG
and
PUR6AM04BU-UG**

Part Number	Part Description	Flammability Rating	Color	Length
TX6A™ 10Gig™ UTP Copper Cable with Advanced MaTriX Technology				
PUP6AM04BU-UG*	Category 6A, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 23 AWG with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an Advanced MaTriX tape and protected by a low-smoke flame-retardant PVC jacket. 0.275" (7.0mm) diameter.	CMP	Blue	1,000 ft./ 305m
PUR6AM04BU-UG* PUR6AM04BU-CG*	Category 6A, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 23 AWG with flame-retardant PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an Advanced MaTriX tape and protected by a flame-retardant PVC jacket. 0.285" (7.2mm) diameter (-UG); 0.280" (7.1mm) diameter (-CG).	CMR	Blue	1,000 ft./ 305m
PUL6AM04WH-CEG*	Category 6A, low smoke zero halogen (LSZH-1), 4-pair, UTP copper cable. Copper conductors are 23 AWG with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an Advanced MaTriX tape and protected by a LSZH (IEC 60332-1) jacket. 0.280" (7.1mm) diameter.	LSZH-1	White	1,000 ft./ 305m
PUZ6AM04WH-CEG*	Category 6A, low smoke zero halogen (LSZH-3), 4-pair, UTP copper cable. Copper conductors are 23 AWG with flame-retardant HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an Advanced MaTriX tape and protected by a LSZH (IEC 60332-3) jacket. 0.280" (7.1mm) diameter.	LSZH-3	White	1,000 ft./ 305m
PUC6AM04BU-CEG*	Category 6A (CM) 4-pair UTP copper cable. Copper conductors are 23 AWG. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an Advanced MaTriX tape and protected by a PVC jacket. 0.280" (7.1mm) diameter.	CM	Blue	1,000 ft./ 305m

*Contact Customer Service for region availability and other cable colors.

For more information

Visit us at www.panduit.com

**Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300**

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