

Copper Cabling Infrastructure Offering



PANDUIT[®]

building a smarter,
unified business foundation

Connect. Manage. Automate.

High-Speed Copper Cabling Systems

The deployment of high speed cabling systems has been increasing rapidly as data centers enable their physical infrastructure with 10 Gb/s capacity to support server virtualization, I/O consolidation, and convergence of back-bone applications. These highly reliable and scalable infrastructure solutions increase network availability, mitigate risk, and minimize power consumption.

Cabling Infrastructure

A properly designed and implemented cabling infrastructure is a fundamental asset of every business. Carefully planning a structured cabling solution facilitates the delivery of new services, lowers network maintenance costs and increases productivity. New high-bandwidth applications enable organizations to better fulfill their need for productivity and innovation in a rapidly changing world.

Panduit offers end-to-end copper cabling systems including patch cords, connectivity, and cable with best-in-class headroom warranties. Panduit's horizontal unshielded and shielded cable in Category 7A, 7, 6A, 6, and 5e performance levels exceed all applicable ANSI/TIA and ISO standards. These systems are developed through advanced research and development, innovative technologies, and rigorous performance testing. Backed by years of experience, manufacturing excellence in ISO 9001 facilities, and a network of leading distributors to provide excellent customer support, Panduit is able to provide the infrastructure needed to support your network infrastructure.

Category 6A Transport System

This system utilizes patent-pending MaTriX Technology in the cable and patch cords and advanced connector compensation techniques to achieve channel bandwidth performance well above industry standard requirements. The cabling system significantly reduces cost of ownership by eliminating the need for field testing, improving energy efficiencies with better airflow management and allowing for the implementation of advanced PoE applications. The complete system offers both reliable 10GbE performance and the highest density infrastructure solution in the market.

TX6000 System Warranty

The TX6000™ solution is a fully integrated system designed for optimum network performance and reliability. The solution provides end-users with a system warranty spanning 25 years, and assures the TX6000™ system will exceed the ANSI/TIA-568-C.2 and ISO 11801 standards relative to the following key electrical parameters: Insertion Loss, NEXT, Power Sum NEXT, ACR-N, PSACR-N, ACR-F, PSACR-F, and Return Loss.

All Panduit channels are field-tested by Panduit Certified Installers (PCI) using industry standard hand-held devices, which provides verified Headroom Performance and ensures your network operates at optimal performance.

Category 6A Copper Cable for North America Region



**PUP6A04BU-UG
and
PUR6A04BU-UG**



**PUP6ASD04BU-UG
and
PUR6ASD04BU-CG**



**PUPF6X04BU-UG
and
PUFR6X04BU-UG**

Part Number	Part Description	Flammability Rating	Color	Length
TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 meter channel solution				
PUP6A04BU-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 a patent-pending MaTriX tape and protected by a low-smoke flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./305m
PUR6A04BU-UG	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 a patent-pending MaTriX tape and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./305m
TX6A-SD™ 10Gig™ UTP Copper Cable with MaTriX Technology – 70 meter channel solution				
PUP6ASD04BU-UG	Category 6A, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 26 AWG with flame-retardant FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending MaTriX tape and protected by a low smoke flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	CMP	Blue*	1,000 ft./305m
PUR6ASD04BU-CG	Category 6A, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 26 AWG with flame-retardant PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending MaTriX tape and protected by a flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	CMR	Blue*	1,000 ft./305m
TX6A™ 10Gig™ U/FTP Shielded Copper Cable				
PUPF6X04BU-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	Blue*	1,000 ft./305m
PUFR6X04BU-UG	Category 6A, riser (CMR), 4-pair, U/FTP shielded copper cable. Copper 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 flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./305m

*For standard cable colors other than BU (Blue), replace BU in part number with WH (White). Visit www.panduit.com for availability of other colors.

Category 6 Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color	Length
TX6500™ Enhanced Category 6 UTP Copper Cable				
PUP6504BU-UY	Enhanced, high-performance, Category 6, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider and protected by a low smoke, flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./305m
PUR6504BU-UY	Enhanced, high-performance, Category 6, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./305m
TX6000™ High Performance Category 6 UTP Copper Cable				
PUP6004BU-UY	High performance, Category 6, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a low smoke, flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./305m
PUR6004BU-UY	High performance, Category 6, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with polyolefin (PE) insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./305m
Standard Compliant Category 6 UTP Copper Cable				
PUP6C04BU-U	Category 6, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with FEP/polyolefin insulation. Conductors are twisted in pairs, separated by a tape, and protected by a low smoke, flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./305m
PUR6C04BU-U	Category 6, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 23 AWG with polyolefin insulation. Conductors are twisted in pairs, separated by a tape, and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./305m



**PUP6504BU-UY
and
PUR6504BU-UY**



**PUP6004BU-UY
and
PUR6004BU-UY**



**PUP6C04BU-U
and
PUR6C04BU-U**

*For standard cable colors other than BU (Blue), replace BU in part number with WH (White). Visit www.panduit.com for availability of other colors.

Category 5e Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color	Length
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TX5500™ Enhanced Category 5e UTP Copper Cable



PUP5504BU-UY
and
PUR5504BU-UY

PUP5504BU-UY	Enhanced Category 5e, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with FEP insulation. Conductors are twisted in pairs and protected by a low smoke, flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./ 305m
PUR5504BU-UY	Enhanced Category 5e, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with polyolefin insulation. Conductors are twisted in pairs and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./ 305m

Standard Compliant Category 5e UTP Copper Cable



PUP5C04BU-U
and
PUR5C04BU-U

PUP5C04BU-U	Category 5e, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with FEP/polyolefin insulation. Conductors are twisted in pairs and protected by a low smoke, flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./ 305m
PUR5C04BU-U	Category 5e, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with polyolefin insulation. Conductors are twisted in pairs and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./ 305m

TX5500™ Category 5e F/UTP Shielded Copper Cable



PFP5504BU-UY
and
PFR5504BU-UY

PFP5504BU-UY	Category 5e, plenum (CMP), 4-pair, F/UTP copper cable. Copper conductors are 24 AWG construction with FEP insulation. Conductors are twisted in pairs, surrounded by an overall polyester aluminum foil with stranded copper drain wire and protected by a low smoke flame-retardant PVC jacket.	CMP	Blue*	1,000 ft./ 305m
PFR5504BU-UY	Category 5e, riser (CMR), 4-pair, F/UTP copper cable. Copper conductors are 24 AWG construction with polyethylene insulation. Conductors are twisted in pairs, surrounded by an overall polyester aluminum foil with a stranded copper drain wire and protected by a flame-retardant PVC jacket.	CMR	Blue*	1,000 ft./ 305m

TX5500™ Category 5e 25-Pair UTP Copper Cable



PUP5525IG-UY
and
PUR5525IG-UY

PUP5525IG-UY	Category 5e, plenum (CMP) 25-pair UTP copper cable. Copper conductors are 24 AWG construction with FEP insulation. Conductors are twisted in pairs and placed in a low smoke, flame-retardant, fluoropolymer jacket.	CMP	International Gray**	1,000 ft./ 305m
PUR5525IG-UY	Category 5e, riser (CMR) 25-pair UTP copper cable. Copper conductors are 24 AWG construction with HDPE insulation. Conductors are twisted in pairs and placed in a flame-retardant PVC jacket.	CMR	International Gray**	1,000 ft./ 305m

*For standard cable colors other than BU (Blue), replace BU in part number with WH (White). **For standard cable colors other than IG (International Gray), replace IG in part number with BU (Blue) or WH (White). Visit www.panduit.com for availability of other colors.

Category 7A Copper Cable for EMEA Region



PSL8004WH-KD

Part Number	Part Description	Flammability Rating	Color	Length
TX7000™ S/FTP Shielded Copper Cable				
PSL8004WH-KD	Category 7A, low smoke zero halogen (LSZH), 4-pair, S/FTP shielded copper cable. Copper conductors are 22 AWG construction with polyethylene insulation. Conductors are twisted in pairs, each covered by a foil shield, surrounded by an overall braided shield, and protected by a LSZH jacket. Performance tested up to 1500 MHz.	LSZH	White	500m/ 1,640 ft.

Category 7 Copper Cable for EMEA Region



PSL7004WH-KD
and
PSL7004WH-CED

Part Number	Part Description	Flammability Rating	Color	Length
TX7000™ S/FTP Shielded Copper Cable				
PSL7004WH-KD	Category 7, low smoke zero halogen (LSZH), 4-pair, S/FTP shielded copper cable. Copper conductors are 23 AWG construction with foamed skin PE insulation. Conductors are twisted in pairs, each covered by a foil shield, surrounded by an overall braided shield, and protected by a LSZH jacket. Performance tested up to 1000 MHz.	LSZH	White	500m/ 1,640 ft.
PSL7004WH-CED	Category 7, low smoke zero halogen (LSZH), 4-pair, S/FTP copper cable. Copper conductors are 23 AWG with foamed skin PE insulation. Conductors are twisted in pairs, each covered by a foil shield, surrounded by an overall braided shield, and protected by a low smoke zero halogen (LSZH) jacket. Performance tested up to 600 MHz.	LSZH	White	500m/ 1,640 ft.

Category 6A Copper Cable for EMEA Region



PUL6A04WH-EG
and
PUC6A04BU-EG

Part Number	Part Description	Flammability Rating	Color	Length
TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 meter channel solution				
PUL6A04WH-EG	Category 6A, low smoke zero halogen (LSZH), 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 a patent-pending matrix tape and protected by a LSZH jacket.	LSZH	White	305m/ 1,000 ft.
PUC6A04BU-EG	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 a patent-pending matrix tape and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 6A Copper Cable for EMEA Region (continued)



**PUL6ASD04WH-EG
and
PUC6ASD04BU-EG**

Part Number	Part Description	Flammability Rating	Color	Length
TX6A-SD™ 10Gig™ UTP Copper Cable with MaTriX Technology – 70 meter channel solution				
PUL6ASD04WH-EG	Category 6A, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 26 AWG with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending matrix tape and protected by a LSZH flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	LSZH	White	305m/ 1,000 ft.
PUC6ASD04BU-EG	Category 6A, (CM), 4-pair, UTP copper cable. Copper conductors are 26 AWG. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending matrix tape and protected by a flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	CM	Blue	305m/ 1,000 ft.



PUFL6X04WH-KD

TX6A™ 10Gig™ U/FTP Shielded Copper Cable				
PUFL6X04WH-KD	Category 6A, low smoke zero halogen (LSZH), 4-pair, U/FTP shielded copper cable. Conductors are 23 AWG with polyethylene (PE) insulation. Conductors are twisted in pairs, each individual twisted pair covered by a metallic foil shield and protected by a LSZH jacket.	LSZH	White	500m/ 1,640 ft.



**PFL6X04WH-CEG,
PFZ6X04WH-CEG
and
PFC6X04BU-CEG**

TX6A™ 10Gig™ F/UTP Shielded Copper Cable				
PFL6X04WH-CEG	Category 6A, low smoke zero halogen (LSZH), 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 LSZH jacket.	LSZH	White	305m/ 1,000 ft.
PFZ6X04WH-CEG	Category 6A, low smoke zero halogen (LSZH-3), 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 LSZH jacket.	LSZH-3	White	305m/ 1,000 ft.
PFC6X04BU-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	Blue	305m/ 1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 6 Copper Cable for EMEA Region

Part Number	Part Description	Flammability Rating	Color	Length
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TX6000™ Category 6 High Performance UTP Copper Cable

PUL6004WH-EY	High performance, Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and all four pairs are protected by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC6004IG-EY	High performance, Category 6, (CM), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant PVC jacket.	CM	International Gray	305m/1,000 ft.



**PUL6004WH-EY
and
PUC6004IG-EY**

TX6™ Standard Compliant Category 6 UTP Copper Cable

PUL6C04WH-CE	Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, separated by a cross divider, and covered by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC6C04BU-CE	Category 6, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, separated by a cross divider, and covered by a PVC jacket.	CM	Blue	305m/1,000 ft.



**PUL6C04WH-CE
and
PUC6C04BU-CE**

TX6000™ Category 6 F/UTP Shielded Copper Cable

PFL6004DG-KD	Category 6, low smoke zero halogen (LSZH), 4-pair, F/UTP copper cable. Conductors are 23 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair separator. All four pairs are surrounded by an overall metallic foil shield and protected by a LSZH jacket.	LSZH	Dark Gray	500m/1640 ft.
PFC6004LG-KD	Category 6, (PVC), 4-pair, F/UTP copper cable. Copper conductors are 23 AWG construction with PE insulation. Conductors are twisted in pairs, separated by an integrated pair separator. All four pairs are surrounded by an overall metallic foil shield and protected by a PVC jacket.	PVC	Light Gray	500m/1640 ft.



**PFL6004DG-KD
and
PFC6004LG-KD**

TX6000™ Category 6 SF/UTP Shielded Copper Cable

PSFL6004DG-KD	Category 6, low smoke zero halogen (LSZH), 4-pair, SF/UTP copper cable. Copper conductors are 23 AWG construction with PE insulation. Conductors are twisted in pairs, separated by an integrated pair separator, surrounded by an overall braid and overall foil shield, and protected by a LSZH jacket.	LSZH	Dark Gray	500m/1640 ft.
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PSFL6004DG-KD

Cable colors available as listed. Contact Customer Service for other color options.

Category 5e Copper Cable for EMEA Region



**PUL5504WH-EY
and
PUC5504IG-EY**

Part Number	Part Description	Flammability Rating	Color	Length
TX5500™ Category 5e Enhanced UTP Copper Cable				
PUL5504WH-EY	Enhanced Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with HDPE insulation. Conductors are twisted in pairs and protected by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC5504IG-EY	Enhanced Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with HDPE insulation. Conductors are twisted in pairs and protected by a flame-retardant PVC jacket.	CM	International Gray	305m/1,000 ft.



**PUL5C04BU-CE
and
PUC5C04BU-CE**

TX5e™ Category 5e Standard Compliant UTP Copper Cable				
PUL5C04BU-CE	Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, and all four pairs are covered by a LSZH jacket.	LSZH	Blue	305m/1,000 ft.
PUC5C04BU-CE	Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, and all four pairs are covered by a PVC jacket.	CM	Blue	305m/1,000 ft.







**PFL5504DG-KG
and
PFC5504LG-KG**

TX5500™ Category 5e F/UTP Shielded Copper Cable				
PFL5504DG-KG	Category 5e, low smoke zero halogen (LSZH), 4-pair, F/UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil, and protected by a LSZH jacket.	LSZH	Dark Gray	305m/1,000 ft.
PFC5504LG-KG	Category 5e, (PVC), 4-pair, F/UTP copper cable. Conductors are 24 AWG construction with polyethylene (PE) insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil and protected by a PVC jacket.	PVC	Light Gray	305m/1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 7/6A Copper Cable for Latin America and Asia Pacific Regions

Part Number	Part Description	Flammability Rating	Color	Lengths
TX7000™ S/FTP Shielded Copper Cable				
 PSL7004WH-CED	Category 7, low smoke zero halogen (LSZH), 4-pair, S/FTP copper cable. Copper conductors are 23 AWG with foamed skin PE insulation. Conductors are twisted in pairs, each covered by a foil shield, surrounded by an overall braided shield, and protected by a low smoke zero halogen (LSZH) jacket. Performance tested up to 600 MHz.	LSZH	White	500m/1,640 ft.
TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 meter channel solution				
 PUL6A04WH-G and PUC6A04BU-EG	Category 6A low smoke zero halogen (LSZH) 4-pair UTP copper cable. Copper conductors are 23 AWG. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending matrix tape and protected by a low smoke flame-retardant PVC jacket.	LSZH	White	305m/1,000 ft.
	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 a patent-pending matrix tape and protected by a PVC jacket.	CM	Blue	305m/1,000 ft.
TX6A-SD™ 10Gig™ UTP Copper Cable with MaTriX Technology – 70 meter channel solution				
 PUL6ASD04WH-EG and PUC6ASD04BU-EG	Category 6A, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 26 AWG with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending matrix tape and protected by a LSZH flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	LSZH	White	305m/1,000 ft.
	Category 6A, (CM), 4-pair, UTP copper cable. Copper conductors are 26 AWG. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by a patent-pending matrix tape and protected by a flame-retardant PVC jacket. Ideal for installations up to 70 meters. Smallest diameter Category 6A UTP cable on the market at 0.240 in. (6.1mm).	CM	Blue	305m/1,000 ft.
TX6A™ 10Gig™ F/UTP Shielded Copper Cable				
 PFL6X04WH-CEG, PFZ6X04WH-CEG, and PFC6X04BU-CEG	Category 6A, low smoke zero halogen (LSZH), 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 LSZH jacket.	LSZH	White	305m/1,000 ft.
	Category 6A, low smoke zero halogen (LSZH-3), 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 LSZH jacket.	LSZH-3	White	305m/1,000 ft.
	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	Blue	305m/1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 6 Copper Cable for Latin America and Asia Pacific Regions



PUL6004WHY
and
PUC6004BUY



PUL6C04WH-C
and
PUC6C04BU-C



PFL6004WH-G
and
PFC6004BU-G

Part Number	Part Description	Flammability Rating	Color	Length
TX6000™ Category 6 High Performance UTP Copper Cable				
PUL6004WHY	High performance, Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and all four pairs are protected by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC6004BUY	High performance, Category 6, (CM), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant PVC jacket.	CM	Blue	305m/1,000 ft.
TX6™ Category 6 Standard Compliant UTP Copper Cable				
PUL6C04WH-C	Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, separated by a cross divider, and covered by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC6C04BU-C	Category 6, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, separated by a cross divider, and covered by a PVC jacket.	CM	Blue	305m/1,000 ft.
TX6000™ Category 6 F/UTP Shielded Copper Cable				
PFL6004WH-G	Category 6, low smoke zero halogen (LSZH), 4-pair, F/UTP copper cable. Conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by a divider, surrounded by a metallic foil shield and protected by a flame-retardant LSZH jacket.	LSZH	White	305m/1,000 ft.
PFC6004BU-G	Category 6, (CM), 4-pair, F/UTP copper cable. Conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by a divider, surrounded by a metallic foil shield and protected by a flame-retardant PVC jacket.	CM	Blue	305m/1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 5e Copper Cable for Latin America and Asia Pacific Regions



**PUL5504WHY
and
PUC5504BUY**



**PUL5C04WH-C
and
PUC5C04BU-C**



**PFL5504WH-G
and
PFC5504BU-G**

Part Number	Part Description	Flammability Rating	Color	Length
TX5500™ Category 5e Enhanced UTP Copper Cable				
PUL5504WHY	Enhanced Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG construction with polyethylene insulation. The conductors are twisted in pairs and placed in a flame-retardant LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC5504BUY	Enhanced Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with polyethylene insulation. Conductors are twisted in pairs and protected by a flame-retardant PVC jacket.	CM	Blue	305m/1,000 ft.
TX5e™ Category 5e Standard Compliant UTP Copper Cable				
PUL5C04WH-C	Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, and all four pairs are covered by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PUC5C04BU-C	Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, and all four pairs are covered by a PVC jacket.	CM	Blue	305m/1,000 ft.
TX5500™ Category 5e F/UTP Shielded Copper Cable				
PFL5504WH-G	Category 5e, low smoke zero halogen (LSZH), 4-pair, F/UTP copper cable. Copper conductors are 24 AWG with HDPE insulation. Conductors are twisted in pairs, covered with a metallic foil shield, and covered by a LSZH jacket.	LSZH	White	305m/1,000 ft.
PFC5504BU-G	Category 5e, (CM), 4-pair, F/UTP copper cable. Conductors are 24 AWG construction with polyethylene (PE) insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil and protected by a PVC jacket.	CM	Blue	305m/1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 5/3 Copper Cable for Latin America and Asia Pacific Regions



**PUC5025WH-A,
PUC5050WH-A
and
PUC50100WH-A**



**PUC3025WH-A,
PUC3050WH-A
and
PUC30100WH-A**

Part Number	Part Description	Flammability Rating	Color	Length
Multi-Pair Category 5 UTP Copper Cable				
PUC5025WH-A	Category 5 (CM) UTP 25-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.
PUC5050WH-A	Category 5 (CM) UTP 50-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.
PUC50100WH-A	Category 5 (CM) UTP 100-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.
Multi-Pair Category 3 UTP Copper Cable				
PUC3025WH-A	Category 3 (CM) UTP 25-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.
PUC3050WH-A	Category 3 (CM) UTP 50-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.
PUC30100WH-A	Category 3 (CM) UTP 100-pair cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/1,000 ft.

Cable colors available as listed. Contact Customer Service for other color options.

Category 6 Copper Cable for Latin America - Brazil only



**PUZ6004BU-B,
PUC6004BU-B
and
PUR6004BU-B**

Part Number	Part Description	Flammability Rating	Color	Length
TX6000™ Category 6 High Performance UTP Copper Cable				
PUZ6004BU-B	High performance, Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, separated by a cross divider, and all four pairs are protected by a LSZH jacket.	LSZH, LSZH-3	Blue	305m/1,000 ft.
PUC6004BU-B	High performance, Category 6, (CM), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, separated by a cross divider, and all four pairs are covered by a PVC jacket.	CM	Blue	305m/1,000 ft.
PUR6004BU-B	High performance, Category 6, (CMR), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, separated by a cross divider, and all four pairs are covered by a flame-retardant PVC jacket.	CMR	Blue	305m/1,000 ft.

*For standard cable colors other than BU (Blue), replace BU in part number with WH (White) or IG (International Gray). Contact Customer Service for additional color options.

Category 5e Copper Cable for Latin America - Brazil only



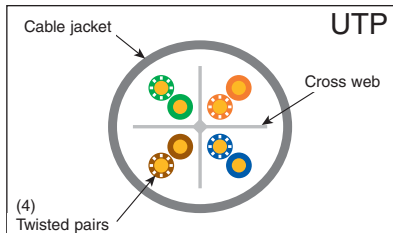
**PUZ5504BU-B,
PUC5504BU-B
and
PUR5504BU-B**

Part Number	Part Description	Flammability Rating	Color	Length
TX5500™ Category 5e Enhanced UTP Copper Cable				
PUZ5504BU-B	Enhanced, Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, and all four pairs are protected by a LSZH jacket.	LSZH, LSZH-3	Blue	305m/1,000 ft.
PUC5504BU-B	Enhanced, Category 5e, (CM), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, and all four pairs are protected by a PVC jacket.	CM	Blue	305m/1,000 ft.
PUR5504BU-B	Enhanced, Category 5e, (CMR), 4-pair, UTP copper cable. Conductors are 24 AWG with polyethylene insulation. Conductors are twisted in pairs, and all four pairs are protected by a flame-retardant PVC jacket.	CMR	Blue	305m/1,000 ft.

*For standard cable colors other than BU (Blue), replace BU in part number with WH (White) or IG (International Gray). Contact Customer Service for additional color options.

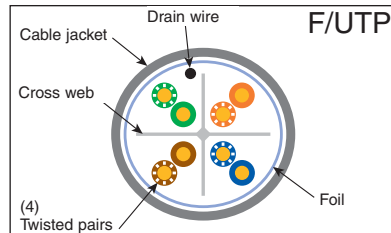
Copper Cable Construction Reference Guide

Unshielded

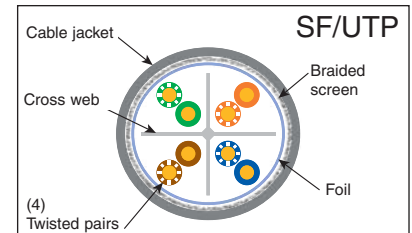


UTP: Unshielded Twisted Pairs

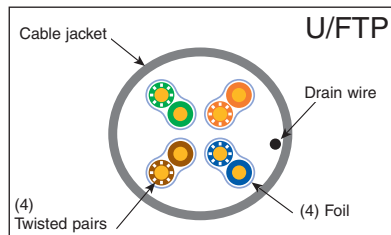
Shielded



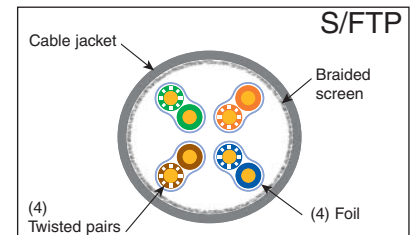
F/UTP: Foil screen around Unshielded Twisted Pairs



SF/UTP: braided Screen and Foil screen around Unshielded Twisted Pairs



U/FTP: Unshielded with individual Foiled Twisted Pairs



S/FTP: braided Screen around individual Foiled Twisted Pairs

Cable Fire Ratings Reference Guide

Cable fire ratings need to be considered when specifying cabling infrastructure to ensure local building codes are met. The below rating guide provides the information needed to determine which rating is appropriate for different installation environments.

Plenum (CMP)

A Plenum is defined as any enclosed area that facilitates environmental air handling. Examples include air conditioning duct or an air routing drop ceiling. However, a plenum can be any air space between walls, under floors, or above non-air handling dropped ceilings if duct work is not sealed correctly. Plenum cables are held to the most stringent testing of any of the cables rated by the NEC, rated for both flammability and smoke generation.

Riser (CMR)

Riser cables do just what their name suggests, they rise between floors. Riser cables may also penetrate either fire-rated walls or floors. The cables are subjected to flame tests only, and are not held to as high of a standard as Plenum-rated cables. Plenum cables may be substituted for Riser.

General Purpose (CM)

General Purpose cables may be used anywhere in commercial buildings other than areas where Riser or Plenum cables are required. The cables are flame tested and held to a lower standard than either Riser or Plenum cables. Both Plenum and Riser rated cables are acceptable substitutes for General Purpose rated cables.

General Purpose (PVC)

General Purpose PVC cables may be used anywhere in commercial buildings in EMEA other than areas where UL rated or LSZH rated cables are required. These General Purpose PVC cables are flame tested to IEC 60332-1 and held to a lower standard than UL rated or LSZH rated cables.

Low Smoke Zero Halogen (LSZH)

Low Smoke Zero Halogen cables have been developed to eliminate toxic gases produced when a cable's jacket burns. They are recommended for use in enclosed areas with little ventilation or in areas where sensitive equipment could be damaged. Required in many situations by European standards, it's an indicator of the jacket and insulator chemical makeup. In addition to the tests below, these cables must pass IEC 60754 and IEC 61034.

LSZH-1

Meets IEC 60332-1 test for vertical flame propagation for a single insulated wire or cable.

LSZH-3

Meets IEC 60332-3 test for vertical flame spread of vertically-mounted bunched wires or cables.

Real-World Solutions to Ensure the Success of Our Customers

With a proven reputation for excellence and technology innovation, a robust ecosystem of global partners, and long-term alliances with top industry leaders, Panduit is a valuable, trusted partner offering strategic vision and real-world solutions to ensure the success of our customers.



Innovative Technology Leadership

Panduit is an industry leader in developing innovative technology solutions that meet the rapidly evolving needs of our customers around the world. Our commitment to continued leadership is supported by significant ongoing investment, dedicated manufacturing facilities, strategic technology alliances, and collaborative R&D with other industry leaders.



Global Business & Commitment

Panduit's ongoing commitment to excellence and our technology alliances with key industry leaders such as Cisco Systems, EMC, Emerson, and IBM enables our highly skilled and knowledgeable global sales, systems engineering, and technical support teams to engage with critical customer challenges that range from initial problem determination all the way to resolution. Local specialists, trained to global standards and competencies, provide consistent regional support that brings value to local business. Our global value chain, which combines manufacturing, distribution, and service, provides prompt responses to customer-related issues, and streamlines procurement and delivery to any global destination.



Best-In-Class Partner Ecosystem

Panduit employs a consultative approach to identify customer needs and engage appropriate partners in a collaborative fashion to serve our customers. Panduit's robust ecosystem of architects, consultants, engineers, designers, systems integrators, contractors, and distributors offer a full portfolio of lifecycle services. Our partners are trained on relevant services to Plan & Design, Build & Deploy, and Maintain & Operate to deliver predictable and measurable results.



Worldwide Alliances

Panduit has established long-term strategic alliances with top global industry leaders such as Cisco Systems, EMC, HP, IBM, Liebert, and Rockwell Automation to develop and integrate innovative, holistic solutions for our customers. We continually invest in relationships and resources for solving our customers' greatest business challenges.



Eco-Sustainability & Global Citizenship

With a long-standing commitment to environmental excellence, Panduit continually develops and implements solutions designed to protect, replenish, and restore the world in which we live and operate. This commitment is demonstrated by Panduit's LEED Gold certified new world headquarters and future sustainable building plans using its own revolutionary Unified Physical InfrastructureSM approach to enable convergence of critical systems for driving energy efficiency.

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