

# 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 10 GbE 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.

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## Category 6A Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color*	Length
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### TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 Meter Channel Solution



**PUP6A04BU-UG  
and  
PUR6A04BU-UG**

<b>PUP6A04BU-UG</b>	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 patent-pending MaTriX tape and protected by a low-smoke flame-retardant PVC jacket.	CMP	Blue	1,000 ft./ 305m
<b>PUR6A04BU-UG</b>	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 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  
and  
PUR6ASD04BU-CG**

<b>PUP6ASD04BU-UG</b>	Category 6A, plenum (CMP), 4-pair, UTP copper cable. Copper conductors are 26 AWG with FEP insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by 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
<b>PUR6ASD04BU-CG</b>	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 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

### Standard Compliant Category 6A UTP Copper Cable



**PUP6XC04BU-UG  
and  
PUR6XC04BU-UG**

<b>PUP6XC04BU-UG</b>	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 and protected by a low-smoke flame-retardant PVC jacket.	CMP	Blue	1,000 ft./ 305m
<b>PUR6XC04BU-UG</b>	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 and protected by a flame-retardant PVC jacket.	CMR	Blue	1,000 ft./ 305m

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 6A Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6A™ 10Gig™ U/FTP Shielded Copper Cable</b>				
<b>PUFP6X04BU-UG</b>	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 covered by a metallic foil shield and protected by a low-smoke, flame-retardant PVC jacket.	CMP	Blue	1,000 ft./305m
<b>PUFR6X04BU-UG</b>	Category 6A riser (CMR) 4-pair U/FTP shielded copper cable. Conductors are 23 AWG with HDPE insulation. Conductors are twisted in pairs, each covered by a metallic foil shield and protected by a low-smoke, flame-retardant PVC jacket.	CMR	Blue	1,000 ft./305m
<b>TX6A™ 10Gig™ F/UTP Shielded Copper Cable</b>				
<b>PFP6X04BU-UG</b>	Category 6A, plenum (CMP), 4-pair, F/UTP copper cable. Copper conductors are 23 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by an overall metallic foil shield and protected by a low-smoke, flame-retardant PVC jacket.	CMP	Blue	1,000 ft./305m
<b>PFR6X04BU-CG</b>	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, surrounded by an overall metallic foil shield and protected by a flame-retardant PVC jacket.	CMR	Blue	1,000 ft./305m



**PUFP6X04BU-UG  
and  
PUFR6X04BU-UG**



**PFP6X04BU-UG  
and  
PFR6X04BU-CG**

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 6 Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color*	Length
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### TX6500™ Premium Category 6 UTP Copper Cable



PUP6504BU-UY  
and  
PUR6504BU-UY

PUP6504BU-UY	Premium, 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	Premium, 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™ Enhanced Category 6 UTP Copper Cable



PUP6004BU-UY  
and  
PUR6004BU-UY

PUP6004BU-UY	Enhanced, 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	Enhanced, Category 6, riser (CMR), 4-pair, UTP copper cable. Copper conductors are 23 AWG construction with polyolefin 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  
and  
PUR6C04BU-U

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, 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, and protected by a flame-retardant PVC jacket.	CMR	Blue	1,000 ft./ 305m

### Category 6 UTP Outside Plant Copper Cable



PUO6C04BL-U

PUO6C04BL-U	Category 6 outside plant (OSP), 4-pair, UTP copper cable. Copper conductors are 23 AWG with polyolefin insulation. The cable has a gel-filled construction to prevent moisture migration in underground and wet applications. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a UV-resistant and abrasion-resistant PE jacket. For duct and conduit installations only; not to be used in aerial or direct burial applications.	OSP	Black	1,000 ft./ 305m
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\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 5e Copper Cable for North America Region

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX5500™ Premium Category 5e UTP Copper Cable</b>				
<b>PUP5504BU-UY</b>	Premium 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
<b>PUR5504BU-UY</b>	Premium 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
<b>Standard Compliant Category 5e UTP Copper Cable</b>				
<b>PUP5C04BU-U</b>	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
<b>PUR5C04BU-U</b>	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
<b>TX5500™ Category 5e F/UTP Shielded Copper Cable</b>				
<b>PFP5504BU-UY</b>	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
<b>PFR5504BU-UY</b>	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
<b>TX5500™ Category 5e 25-Pair UTP Copper Cable</b>				
<b>PUP5525IG-UY</b>	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
<b>PUR5525IG-UY</b>	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



**PUP5504BU-UY  
and  
PUR5504BU-UY**



**PUP5C04BU-U  
and  
PUR5C04BU-U**



**PFP5504BU-UY  
and  
PFR5504BU-UY**



**PUP5525IG-UY  
and  
PUR5525IG-UY**

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://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
<b>TX7000™ S/FTP Shielded Copper Cable</b>				
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 metallic foil shield, surrounded by an overall braided shield, and protected by an LSZH (IEC 60332-1) jacket. Performance tested up to 1500 MHz.	LSZH-1	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
<b>TX7000™ S/FTP Shielded Copper Cable</b>				
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 metallic foil shield, surrounded by an overall braided shield, and protected by an LSZH (IEC 60332-1) jacket. Performance tested up to 1000 MHz.	LSZH-1	White	500m/ 1,640 ft.
PSL7004WH-CED	Category 7, low smoke zero halogen (LSZH), 4-pair, S/FTP shielded copper cable. Copper conductors are 23 AWG with foamed skin PE insulation. Conductors are twisted in pairs, each covered by a metallic foil shield, surrounded by an overall braided shield, and protected by an LSZH (IEC 60332-1) jacket. Performance tested up to 600 MHz.	LSZH-1	White	500m/ 1,640 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.



## Category 6A Copper Cable for EMEA Region



**PUL6A04WH-CEG,  
PUZ6A04WH-EG,  
and  
PUC6A04BU-EG**

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 Meter Channel Solution</b>				
<b>PUL6A04WH-CEG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUZ6A04WH-EG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PUC6A04BU-EG</b>	Category 6A (CM) 4-pair UTP copper cable. Copper conductors are 23 AWG with PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by patent-pending MaTriX tape and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.



**PUL6ASD04WH-EG,  
PUZ6ASD04WH-EG,  
and  
PUC6ASD04BU-EG**

<b>TX6A-SD™ 10Gig™ UTP Copper Cable with MaTriX Technology – 70 Meter Channel Solution</b>				
<b>PUL6ASD04WH-EG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-1) 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 -1	White	305m/ 1,000 ft.
<b>PUZ6ASD04WH-EG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-3) 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-3	White	305m/ 1,000 ft.
<b>PUC6ASD04BU-EG</b>	Category 6A, (CM), 4-pair, UTP copper cable. Copper conductors are 26 AWG with PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by 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.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 6A Copper Cable for EMEA Region (continued)

Part Number	Part Description	Flammability Rating	Color*	Length
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### Standard Compliant Category 6A UTP Copper Cable



**PUL6XC04WH-CEG  
and  
PUC6XC04BU-CEG**

<b>PUL6XC04WH-CEG</b>	Category 6A, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 23 AWG with HDPE and foam PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUC6XC04BU-CEG</b>	Category 6A (CM) 4-pair UTP copper cable. Copper conductors are 23 AWG with PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.

### TX6A™ 10Gig™ U/FTP Shielded Copper Cable



**PUFL6X04WH-KD**

<b>PUFL6X04WH-KD</b>	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 an LSZH (IEC 60332-1) jacket.	LSZH-1	White	500m/ 1,640 ft.
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### TX6A™ 10Gig™ F/UTP Shielded Copper Cable



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

<b>PFL6X04WH-CEG</b>	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 an overall metallic foil shield and protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PFZ6X04WH-CEG</b>	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 an overall metallic foil shield and protected by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PFC6X04BU-CEG</b>	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.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 6 Copper Cable for EMEA Region

Part Number	Part Description	Flammability Rating	Color*	Length
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### TX6000™ Enhanced Category 6 UTP Copper Cable



**PUL6004WH-EY,  
PUZ6004WH-CEG,  
and  
PUC6004IG-EY**

<b>PUL6004WH-EY</b>	Enhanced, 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 protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUZ6004WH-CEG</b>	Enhanced, Category 6, low smoke zero halogen (LSZH), 4-pair, U/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 an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PUC6004IG-EY</b>	Enhanced, 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.



**PUL6C04WH-CE  
and  
PUC6C04BU-CE**

### TX6™ Standard Compliant Category 6 UTP Copper Cable

<b>PUL6C04WH-CE</b>	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 an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUC6C04BU-CE</b>	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.



**PUO6C04BL-U**

### Category 6 UTP Outside Plant Copper Cable

<b>PUO6C04BL-U</b>	Category 6 outside plant (OSP), 4-pair, UTP copper cable. Copper conductors are 23 AWG with polyolefin insulation. The cable has a gel-filled construction to prevent moisture migration in underground and wet applications. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a UV-resistant and abrasion-resistant PE jacket. For duct and conduit installations only; not to be used in aerial or direct burial applications.	OSP	Black	305m/ 1,000 ft.
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**PFL6004DG-KD  
and  
PFC6004LG-KD**

### TX6000™ Category 6 F/UTP Shielded Copper Cable

<b>PFL6004DG-KD</b>	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, surrounded by an overall metallic foil shield and protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	Dark Gray	500m/ 1,640 ft.
<b>PFC6004LG-KD</b>	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, surrounded by an overall metallic foil shield and protected by a PVC jacket.	PVC	Light Gray	500m/ 1,640 ft.



**PSFL6004DG-KD**

### TX6000™ Category 6 SF/UTP Shielded Copper Cable

<b>PSFL6004DG-KD</b>	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 an LSZH (IEC 60332-1) jacket.	LSZH-1	Dark Gray	500m/ 1,640 ft.
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\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 5e Copper Cable for EMEA Region

Part Number	Part Description	Flammability Rating	Color*	Length
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### TX5500™ Premium Category 5e UTP Copper Cable



**PUL5504WH-EY,  
PUZ5504WH-CEG,  
and  
PUC5504IG-EY**

<b>PUL5504WH-EY</b>	Premium 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 an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUZ5504WH-CEG</b>	Premium, Category 5e, low smoke zero halogen (LSZH), 4-pair, U/UTP copper cable. Copper conductors are 24 AWG construction with HDPE insulation. Conductors are twisted in pairs and all four pairs are covered by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PUC5504IG-EY</b>	Premium 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.

### TX5e™ Standard Compliant Category 5e UTP Copper Cable



**PUL5C04BU-CE  
and  
PUC5C04BU-CE**

<b>PUL5C04BU-CE</b>	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 protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	Blue	305m/ 1,000 ft.
<b>PUC5C04BU-CE</b>	Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.

### TX5500™ Category 5e F/UTP Shielded Copper Cable



**PFL5504DG-KD  
and  
PFC5504LG-KD**

<b>PFL5504DG-KD</b>	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 an LSZH (IEC 60332-1) jacket.	LSZH-1	Dark Gray	500m/ 1,640 ft.
<b>PFC5504LG-KD</b>	Category 5e, (PVC), 4-pair, F/UTP copper cable. Conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs, surrounded by an overall metallic foil and protected by a PVC jacket.	PVC	Light Gray	500m/ 1,640 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.



## Category 5/3 Copper Cable for EMEA Region

Part Number	Part Description	Flammability Rating	Color*	Length
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### Multi-Pair Category 5 UTP Copper Cable

<b>PUC5025WH-A</b>	Category 5 (CM) 25-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC5050WH-A</b>	Category 5 (CM) 50-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.



**PUC5025WH-A  
PUC5050WH-A**

### Multi-Pair Category 3 UTP Copper Cable

<b>PUC3025WH-A</b>	Category 3 (CM) 25-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC3050WH-A</b>	Category 3 (CM) 50-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC30100WH-A</b>	Category 3 (CM) 100-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.



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

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

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



PSL7004WH-CED

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX7000™ S/FTP Shielded Copper Cable</b>				
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 metallic foil shield, surrounded by an overall braided shield, and protected by an LSZH (IEC 60332-1) jacket. Performance tested up to 600 MHz.	LSZH-1	White	500m/ 1,640 ft.



PUL6A04WH-CEG,  
PUZ6A04WH-EG,  
PUC6A04BU-EG,  
and  
PUR6A04BU-CG

<b>TX6A™ 10Gig™ UTP Copper Cable with MaTriX Technology – 100 Meter Channel Solution</b>				
PUL6A04WH-CEG	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 patent-pending MaTriX tape and protected by a low smoke flame-retardant LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
PUZ6A04WH-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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
PUC6A04BU-EG	Category 6A (CM) 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 patent-pending MaTriX tape and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.
PUR6A04BU-CG	Category 6A riser (CMR) 4-pair UTP copper cable. Conductors are 23 AWG with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider and protected by a flame-retardant PVC jacket.	CMR	Blue	305m/ 1,000 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

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



**PUL6ASD04WH-EG,  
PUZ6ASD04WH-EG,  
and  
PUC6ASD04BU-EG**

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6A-SD™ 10Gig™ UTP Copper Cable with MaTriX Technology – 70 Meter Channel Solution</b>				
<b>PUL6ASD04WH-EG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-1) 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.
<b>PUZ6ASD04WH-EG</b>	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 patent-pending MaTriX tape and protected by an LSZH (IEC 60332-3) 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-3	White	305m/ 1,000 ft.
<b>PUC6ASD04BU-EG</b>	Category 6A, (CM), 4-pair, UTP copper cable. Copper conductors are 26 AWG with PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, surrounded by 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.



**PUL6XC04WH-CEG  
and  
PUC6XC04BU-CEG**

<b>Standard Compliant Category 6A UTP Copper Cable</b>				
<b>PUL6XC04WH-CEG</b>	Category 6A, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Copper conductors are 23 AWG with HDPE and foam PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUC6XC04BU-CEG</b>	Category 6A (CM) 4-pair UTP copper cable. Copper conductors are 23 AWG with PVC insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.



**PFL6X04WH-CEG,  
PFZ6X04WH-CEG,  
PFC6X04BU-CEG,  
and  
PFR6X04BU-CG**

<b>TX6A™ 10Gig™ F/UTP Shielded Copper Cable</b>				
<b>PFL6X04WH-CEG</b>	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 an overall metallic foil shield and protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PFZ6X04WH-CEG</b>	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 an overall metallic foil shield and protected by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PFC6X04BU-CEG</b>	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 an overall metallic foil shield and protected by a flame-retardant PVC jacket.	CM	Blue	305m/ 1,000 ft.
<b>PFR6X04BU-CG</b>	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 flame-retardant PVC jacket.	CMR	Blue	305m/ 1,000 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Category 6 Copper Cable for Latin America and Asia Pacific Regions



**PUL6004WHY,  
PUZ6004WH-CEG,  
and  
PUC6004BUY**

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6000™ Enhanced Category 6 High Performance UTP Copper Cable</b>				
PUL6004WHY	Enhanced, 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 protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
PUZ6004WH-CEG	Enhanced, Category 6, low smoke zero halogen (LSZH), 4-pair, U/UTP copper cable. Copper conductors are 23 AWG construction with HDPE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and covered by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
PUC6004BUY	Enhanced, 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.



**PUL6C04WH-C  
and  
PUC6C04BU-C**

<b>TX6™ Standard Compliant Category 6 UTP Copper Cable</b>				
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 an integrated pair divider, and covered by an LSZH (IEC 60332-1) jacket.	LSZH-1	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 an integrated pair divider, and covered by a PVC jacket.	CM	Blue	305m/ 1,000 ft.



**PUO6C04BL-U**

<b>Category 6 UTP Outside Plant Copper Cable</b>				
PUO6C04BL-U	Category 6 outside plant (OSP), 4-pair, UTP copper cable. Copper conductors are 23 AWG with polyolefin insulation. The cable has a gel-filled construction to prevent moisture migration in underground and wet applications. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a UV-resistant and abrasion-resistant PE jacket. For duct and conduit installations only; not to be used in aerial or direct burial applications.	OSP	Black	305m/ 1,000 ft.



**PFL6004WH-G  
and  
PFC6004BU-G**

<b>TX6000™ Category 6 F/UTP Shielded Copper Cable</b>				
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 an integrated pair divider, surrounded by an overall metallic foil shield and protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	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 an integrated pair divider, surrounded by an overall metallic foil shield and protected by a flame-retardant PVC jacket.	CM	Blue	305m/ 1,000 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.



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



**PUL5504WHY,  
PUZ5504WH-CEG,  
and  
PUC5504BUY**

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX5500™ Premium Category 5e UTP Copper Cable</b>				
<b>PUL5504WHY</b>	Premium Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG construction with PE insulation. The conductors are twisted in pairs and protected by a flame-retardant LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUZ5504WH-CEG</b>	Premium, Category 5e, low smoke zero halogen (LSZH), 4-pair, U/UTP copper cable. Copper conductors are 24 AWG construction with HDPE insulation. Conductors are twisted in pairs and protected by an LSZH (IEC 60332-3) jacket.	LSZH-3	White	305m/ 1,000 ft.
<b>PUC5504BUY</b>	Premium Category 5e, (CM), 4-pair, UTP copper cable. Copper conductors are 24 AWG construction with PE insulation. Conductors are twisted in pairs and protected by a flame-retardant PVC jacket.	CM	Blue	305m/ 1,000 ft.



**PUL5C04WH-C  
and  
PUC5C04BU-C**

<b>TX5e™ Standard Compliant Category 5e UTP Copper Cable</b>				
<b>PUL5C04WH-C</b>	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 protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PUC5C04BU-C</b>	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.



**PFL5504WH-G  
and  
PFC5504BU-G**

<b>TX5500™ Category 5e F/UTP Shielded Copper Cable</b>				
<b>PFL5504WH-G</b>	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 protected by an LSZH (IEC 60332-1) jacket.	LSZH-1	White	305m/ 1,000 ft.
<b>PFC5504BU-G</b>	Category 5e, (CM), 4-pair, F/UTP copper cable. Conductors are 24 AWG construction with 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.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

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

Part Number	Part Description	Flammability Rating	Color*	Length
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### **Multi-Pair Category 5 UTP Copper Cable**



**PUC5025WH-A  
PUC5050WH-A**

<b>PUC5025WH-A</b>	Category 5 (CM) 25-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC5050WH-A</b>	Category 5 (CM) 50-pair UTP copper 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,  
PUC3050WH-A,  
and  
PUC30100WH-A**

<b>PUC3025WH-A</b>	Category 3 (CM) 25-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC3050WH-A</b>	Category 3 (CM) 50-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.
<b>PUC30100WH-A</b>	Category 3 (CM) 100-pair UTP copper cable. Conductors are 24 AWG construction and protected in a PVC jacket.	CM	White	305m/ 1,000 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Copper Cable for Latin America – Brazil only



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

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6000™ Category 6 UTP Copper Cable</b>				
<b>PUZ6004BU-B</b>	Category 6, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by an LSZH (IEC 60332-1/-3) jacket.	LSZH-1 LSZH-3	Blue	305m/ 1,000 ft.
<b>PUC6004BU-B</b>	Category 6, (CM), 4-pair, UTP copper cable. Conductors are 24 AWG with PE insulation. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a PVC jacket.	CM	Blue	305m/ 1,000 ft.
<b>PUR6004BU-B</b>	Category 6 riser, (CMR), 4-pair, UTP copper cable. Conductors are twisted in pairs, separated by an integrated pair divider, and protected by a flame-retardant PVC jacket.	CMR	Blue	305m/ 1,000 ft.



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

<b>TX5500™ Category 5e UTP Copper Cable</b>				
<b>PUZ5504BU-B</b>	Category 5e, low smoke zero halogen (LSZH), 4-pair, UTP copper cable. Conductors are 24 AWG with PE insulation. Conductors are twisted in pairs, and protected by an LSZH (IEC 60332-1/-3) jacket.	LSZH-1 LSZH-3	Blue	305m/ 1,000 ft.
<b>PUC5504BU-B</b>	Category 5e, (CM), 4-pair, UTP copper cable. Conductors are 24 AWG with PE insulation. Conductors are twisted in pairs, and protected by a flame-retardant PVC jacket.	CM	Blue	305m/ 1,000 ft.
<b>PUR5504BU-B</b>	Category 5e riser, (CMR), 4-pair, UTP copper cable. Conductors are 24 AWG with PE insulation. Conductors are twisted in pairs, and protected by a flame-retardant PVC jacket.	CMR	Blue	305m/ 1,000 ft.

\*Standard cable colors are shown. Example: BU (Blue), WH (White). Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## Shipboard/Marine Cable for All Regions



PSM6004BU-LED



PSM7004BU-KD  
and  
PSM7004BU-KM



PSM7004BU-KED  
and  
PSM7004BU-KEM

Part Number	Part Description	Flammability Rating	Color*	Length
<b>TX6000™ Shielded S/FTP Shipboard Copper Cable for All Regions</b>				
<b>PSM6004BU-LED</b>	Category 6 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine copper cable. Stranded copper conductors are 22 AWG construction with foamed PE insulation. Conductors are twisted in pairs, each covered by a metallic foil, surrounded by an overall braided shield and protected by an oil-resistant LSZH (SHF1) (IEC 60332-1/-3) jacket.	LSZH-1 LSZH-3	Blue	500m/ 1,640 ft.
<b>TX7000™ Shielded S/FTP Shipboard Copper Cable for North America Region</b>				
<b>PSM7004BU-KD</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine copper cable. Stranded copper conductors are 4 x 2/0.27mm². Conductors are twisted in pairs, each covered by a metallic foil, surrounded by an overall braided shield and protected by an oil and fuel resistant, LSZH (IEC 60332-3) jacket.	LSZH-3	Blue	1,640 ft./ 500m
<b>PSM7004BU-KM</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine copper cable. Stranded copper conductors are 4 x 2/0.27mm². Conductors are twisted in pairs, each covered by a metallic foil, surrounded by an overall braided shield and protected by an oil and fuel resistant, LSZH (IEC 60332-3) jacket.	LSZH-3	Blue	3,280 ft./ 1000m
<b>TX7000™ Shielded S/FTP Shipboard Copper Cable for EMEA, Latin America and Asia Pacific Regions</b>				
<b>PSM7004BU-KED</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine copper cable. Stranded copper conductors are 4 x 2/0.27mm². Conductors are twisted in pairs, each covered by a metallic foil, surrounded by with an overall braided shield and protected by an oil and fuel resistant, LSZH (IEC 60332-3) jacket.	LSZH-3	Blue	500m/ 1,640 ft.
<b>PSM7004BU-KEM</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine copper cable. Stranded copper conductors are 4 x 2/0.27mm². Conductors are twisted in pairs, each covered by a metallic foil, surrounded by with an overall braided shield and protected by an oil and fuel resistant, LSZH (IEC 60332-3) jacket.	LSZH-3	Blue	1000m/ 3,280 ft.

\*Standard cable colors are shown. Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.



## Shipboard/Marine Cable for All Regions

Part Number	Part Description	Flammability Rating	Color*	Length
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### TX7000™ Shielded S/FTP MUD-Resistant Armored Shipboard Copper Cable for All Regions

<b>PSMDA7004BL-LED</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine MUD-resistant armored copper cable. Stranded copper conductors are 22 AWG construction with foamed PE insulation. Conductors are twisted in pairs, each surrounded by a foil, covered with an overall braided shield, and a thermoplastic copolymer inner jacket, which is covered by a stainless steel armor and an oil-, fuel-, UV- and MUD-resistant halogen-free, fire-retardant LSZH (SHF2) (IEC 60332-1/-3) jacket.	LSZH-1 LSZH-3	Black	500m/ 1,640 ft.
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PSMDA7004BL-LED

### TX7000™ Shielded S/FTP MUD-Resistant Shipboard Copper Cable for All Regions

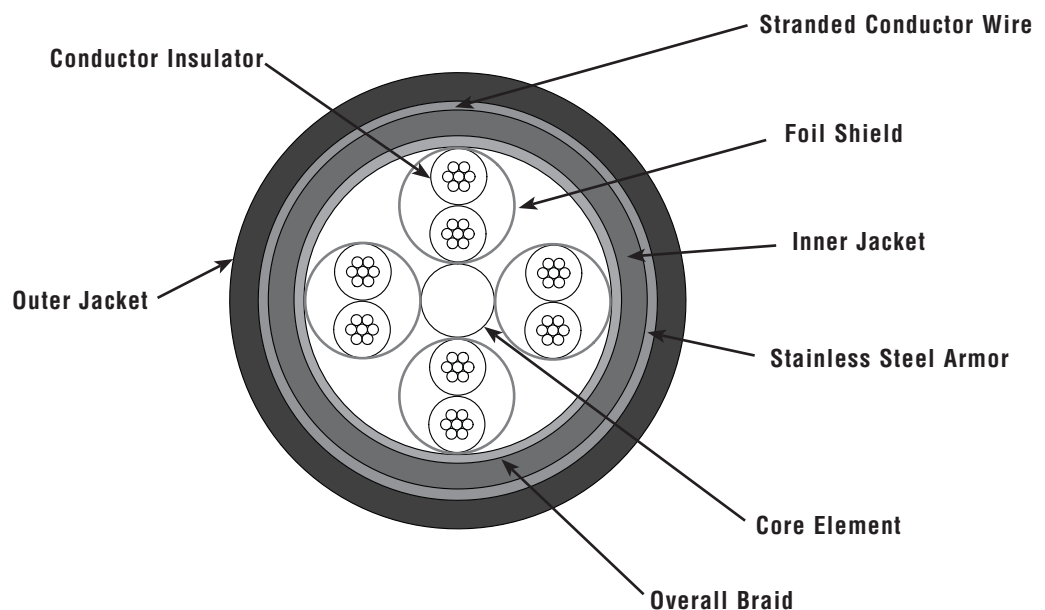
<b>PSMD7004BL-LED</b>	Category 7 low smoke, zero halogen (LSZH), 4-pair S/FTP shielded marine MUD-resistant copper cable. Stranded copper conductors are 22 AWG construction with foamed PE insulation. Conductors are twisted in pairs, each surrounded by a foil, covered with an overall braided shield, within an oil-, fuel-, UV- and MUD-resistant LSZH (SHF2) (IEC 60332-1/-3) jacket.	LSZH-1 LSZH-3	Black	500m/ 1,640 ft.
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PSMD7004BL-LED

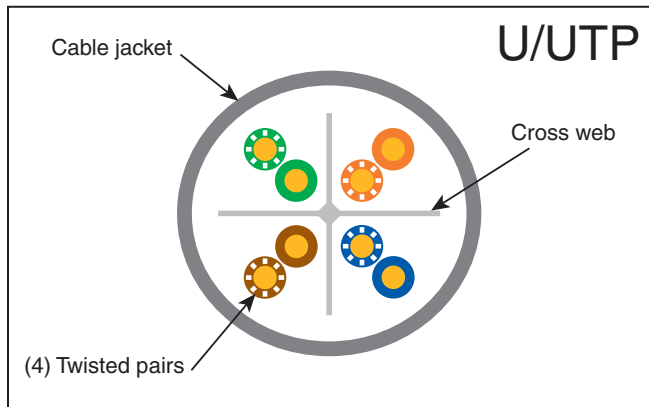
\*Standard cable colors are shown. Visit [www.panduit.com](http://www.panduit.com) for availability of other colors.

## S/FTP MUD-Resistant Armored Shipboard Copper Cable



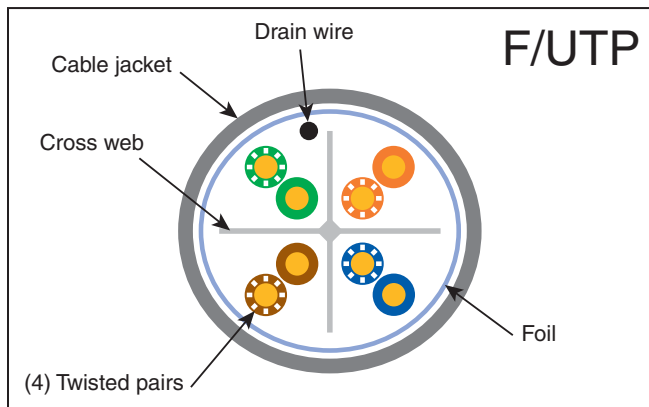
## Copper Cable Construction Reference Guide

### Unshielded

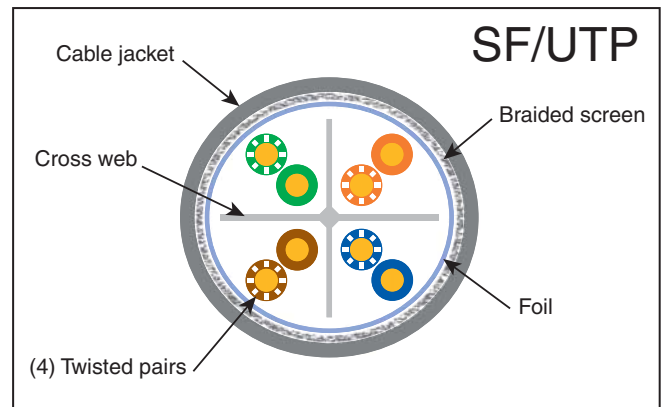


**UTP:** Unshielded Twisted Pairs

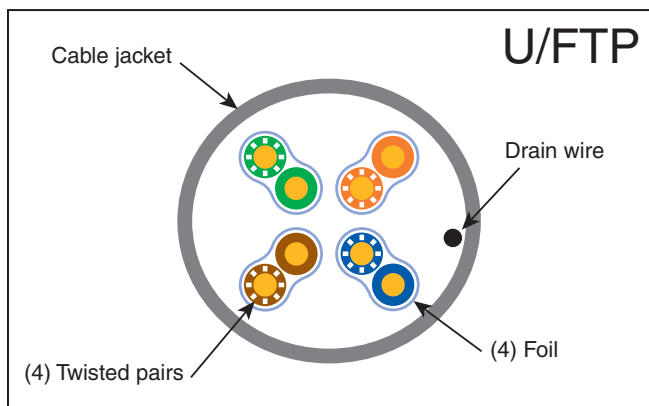
### Shielded



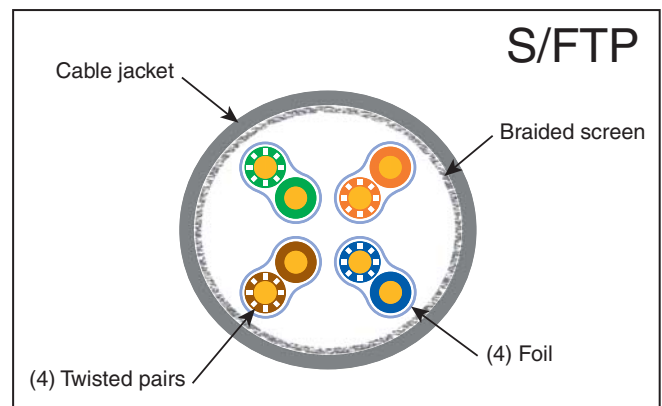
**F/UTP:** Foil screen around Unshielded Twisted Pairs



**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 Flame 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

*With a proven reputation for excellence and innovation, Panduit and our partners work with you to overcome challenges and implement real-world solutions that create a competitive business advantage. Panduit offers the broadest range of solutions, from data centers and intelligent buildings to manufacturing operations, to help you build a **smarter, unified business foundation**.*



### Technology Leadership

Panduit develops innovative physical infrastructure solutions that meet the rapidly changing needs of our clients, from hardware and software to advisory services. This commitment is supported by investment in advanced research, solutions-focused product development, world-class manufacturing, and collaboration with customers at the forefront of technology.



### Partner Ecosystem

Our best-in-class partner ecosystem offers a comprehensive portfolio of services that span the project lifecycle, from planning and design to delivery, deployment, maintenance, and operation. Panduit business partners – distributors, and certified architects, consultants, engineers, designers, system integrators, and contractors – are qualified to help you achieve your objectives and realize predictable and measurable results.



### Strategic Alliances

Panduit cultivates long-term strategic alliances with industry leaders, including Cisco Systems, EMC, IBM, and Rockwell Automation, to develop, optimize, and validate solutions for our customers. This investment in people and resources helps solve our customers' greatest business challenges.



### Global Business Commitment

Panduit is committed to delivering a consistently high level of quality and service the world over. With a presence in more than 100 countries, local Panduit sales representatives and technical specialists offer guidance and support that bring value to your business. Our global supply chain, which includes manufacturing, customer service, logistics, and distribution partners, provides prompt response to your inquiries and streamlines delivery to any worldwide destination.



### Sustainability

With a commitment to environmental sustainability, Panduit develops and implements solutions that protect, replenish, and restore the world in which we live. This commitment is demonstrated by Panduit's LEED Gold certified World Headquarters, leveraging the Unified Physical Infrastructure<sup>SM</sup> approach to enable convergence of critical building systems to drive energy efficiency and ongoing operational improvement.

*Transform Your  
Physical Infrastructure*

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