

# TX6A™ Category 6A Shielded Copper Cable- U/FTP

## specifications

Category 6A cable shall meet the IEC 61156-5 and ANSI/TIA-568-C.2 Category 6A component standards. The conductors shall be 23 AWG construction with polyethylene insulation. Each individual pair shall have a metallic foil shield and all four pairs shall be covered with LSFRZH jacket. The shielded cable shall provide superior alien crosstalk performance. The TX6A™ 10Gig™ Shielded Cable must be installed as part of the TX6A™ 10Gig™ Shielded Copper Cabling System to achieve certified 10GBASE-T performance.



## technical information

<b>Part number</b>	PUFY6X04WH-KED (** designates jacket color, WH = white)
<b>Electrical performance:</b>	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds the requirements of ISO 11801 Class E A and ANSI/TIA-568-C.2 Category 6A standards for supporting 10GBASE-T transmission over twisted-pair cabling systems as part of the Panduit® TX6A™ 10Gig™ Shielded Copper Cabling System  Certified component performance up to 100 meters and meets or exceeds the component requirement of the IEC 61156-5 and ANSI/TIA-568-C.2 Category 6A standards for supporting 10GBASE-T transmission over twisted-pair cabling systems
<b>Conductors/insulators:</b>	23 AWG solid copper insulated with PE
<b>CPR compliance:</b>	EN 50575: Euroclass Cca-s1-d1-a1
<b>Installation tension:</b>	110 N (25 lbf)
<b>Temperature rating:</b>	-20°C to 60°C (-4°F to 140°F) during operation
<b>Cable jacket:</b>	LSFRZH, IEC 60332-3-24
<b>Cable diameter:</b>	8.3 mm (0.327 in.) nominal
<b>Cable weight:</b>	36kg/500m (79 lbs./1640 ft.)
<b>Packaging:</b>	500m (1640 ft.) on reel

## key features and benefits

<b>Foiled Individual pairs:</b>	Shielded pairs for exceptional cable performance
<b>Internal drain wire:</b>	Facilitates means of grounding the cable and provides for efficient performance and protection of network investment
<b>Descending length cable markings:</b>	Easy identification of remaining cable reduces installation time and cable scrap
<b>Reel:</b>	500m (1640 ft.) supplied on a reel

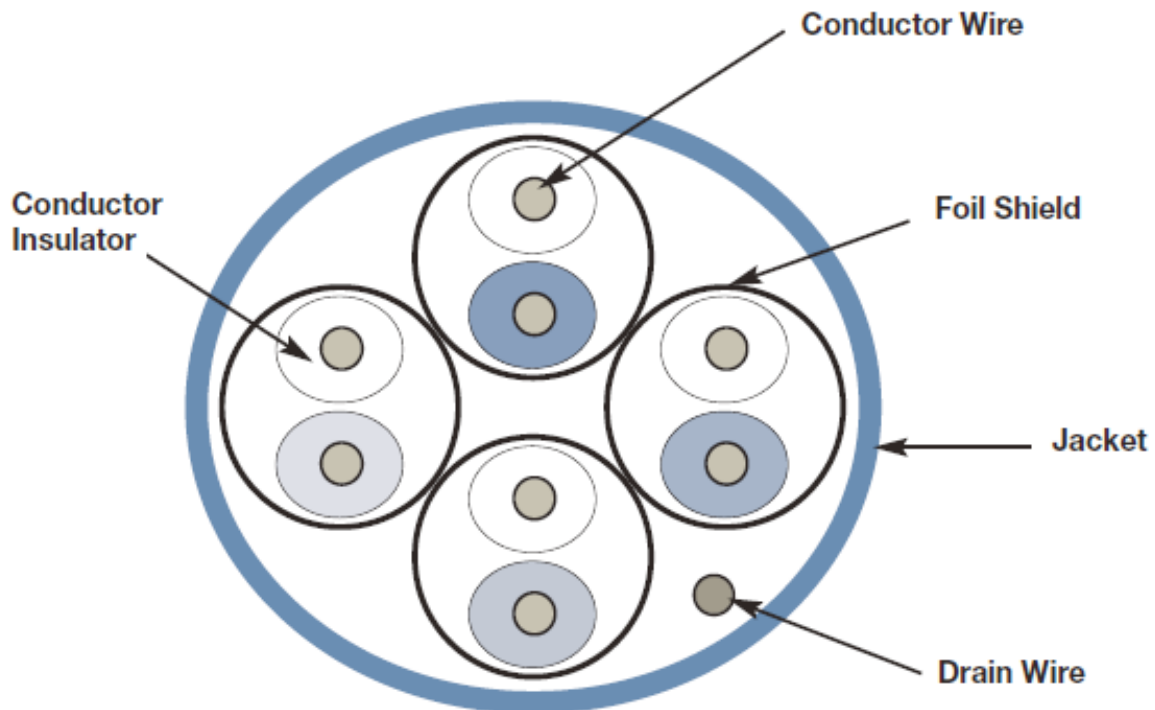
## applications

TX6A™ 10Gig™ Shielded Copper Cable is a component of the Panduit® TX6A™ 10Gig™ Shielded Copper Cabling System. This end-to-end system provides a cost-effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. The shielded cabling system provides high performance, excellent EMI suppression, and aids in secure data transmission. The Panduit solution helps ensure organizations efficiently and reliably meet their data transmission needs. Usage of the TX6A™ 10Gig™ Shielded Copper Cabling System include high bandwidth applications within data centers and connections to high-end workstations such as:

- 10GBASE-T Ethernet
- Data Center applications
- Virtual business management applications

# ***TK6A™ Category 6A Shielded Copper Cable- U/FTP***

<b>Mechanical Test</b>	
Ultimate Breaking Strength	>90 lbf (400 N)
Minimum Bend Radius	8 x Cable Diameter
<b>Electrical Test</b>	
Nominal Velocity of Propagation (NVP)	79% nominal



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