

# TX6A™ Category 6A Shielded F/FTP Copper Cable

PANDUIT

## PRODUCT INFO

### specifications

Category 6A cable shall be constructed of 23 AWG copper conductors with SFS-PO insulation. The copper conductors shall be twisted in pairs, with each pair covered in foil. All four pairs shall be surrounded by an overall metallic foil shield within a LSFRZH jacket.



### technical information

<b>Part number</b>	PFFW6X04**-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 Ea 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 SFS-PO
<b>GPR compliance:</b>	IEC 60332-1, IEC 60332-3-24, IEC 60754, IEC 61034, EN 50575: Euroclass B2ca- s1a, 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>	LSZH
<b>Cable diameter:</b>	7.5 mm (0.295 in.) nominal
<b>Cable weight:</b>	31kg/500m (68 lbs./1000 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>Overall foil shield:</b>	Provides superior structural integrity and reduces low interference, including alien crosstalk to ensure exceptional cable performance at all swept frequencies up to 500 MHz
<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>Easy payout reel:</b>	500m (1640 ft.) supplied on a reel

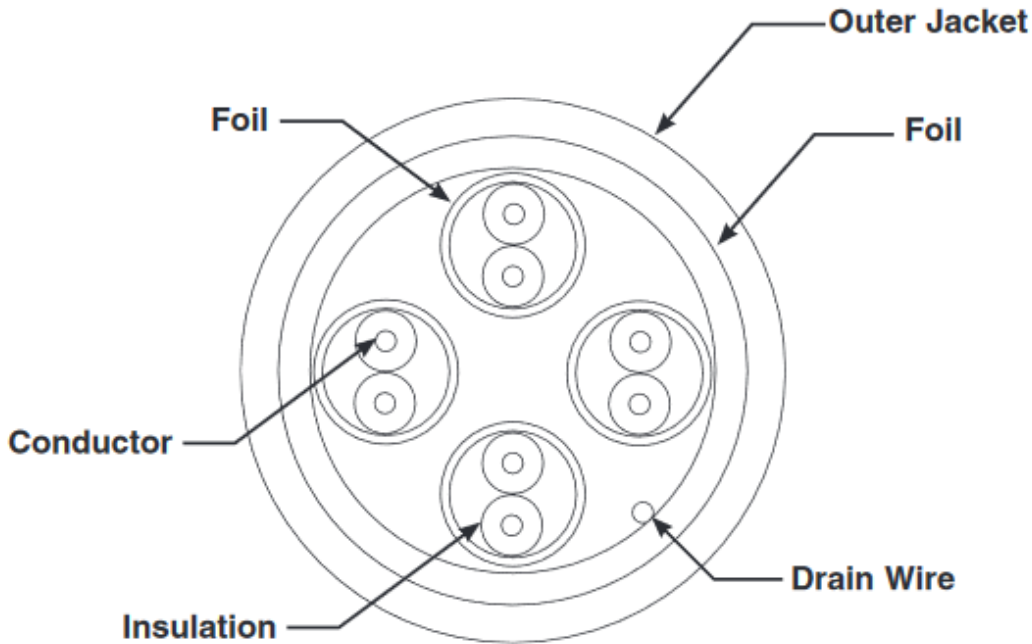
### applications

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 F/FTP Copper Cable

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



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