

TX7000™ Category 7A Shielded S/FTP Copper Cable

PANDUIT[®]
PRODUCT INFO

specifications

Category 7A cable shall meet the IEC 61156-5 Category 7A component standard. The conductors shall be 23 AWG construction with SFS-PO insulation. The copper conductors shall be twisted in pairs with each pair covered in a foil shield and all pairs covered by an overall braided shield and a LSFRZH jacket.



technical information

Part number	PSL7A04**-HED (** designates jacket color, WH = white)
Electrical performance:	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™ Shielded Copper Cabling System Certified component performance up to 100 meters and meets or exceeds the component requirements of the IEC 61156-5 Category 7A standards at swept frequencies up to 1000 MHz
Conductors/insulators:	23 AWG solid copper insulated with SFS-PO
CPR compliance:	EN 50575: Euroclass Dca-s2-d2-a1
Installation tension:	110 N (25 lbf)
Temperature rating:	-20°C to 60°C (-4°F to 140°F) during operation
Cable jacket:	LSFRZH
Cable diameter:	7.3mm (0.287 in.) nominal
Cable weight:	31kg/500m (68 lbs./1640 ft.)
Packaging:	500m (1640 ft.) on reel

key features and benefits

Foiled Individual pairs:	Prevents the coupling near-end crosstalk and alien crosstalk between twisted pairs to ensure 10GBASE-T transmission performance
Overall foil shield:	Provides superior structural integrity and reduces low frequency external interference to ensure exceptional cable performance at all swept frequencies up to 1000 MHz
Descending length cable markings:	Easy identification of remaining cable reduces installation time and cable scrap
Easy payout reel:	500m (1640 ft.) supplied on a reel

applications

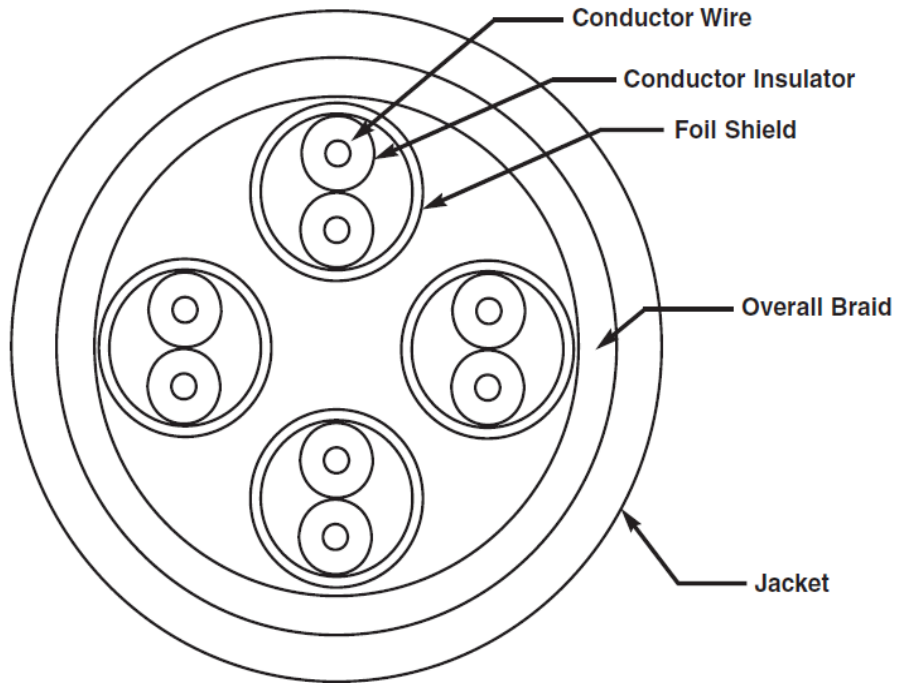
TX7000™ Shielded Copper Cable is a component of the Panduit® TX6A™ Shielded Copper Cabling System. This end-to-end system provides a cost-effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. The shielded cabling system provides high performance, excellent EMI 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™ 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

TX7000™ Category 7A Shielded S/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)		76% nominal

cable construction



WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

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Visit us at www.panduit.com

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

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