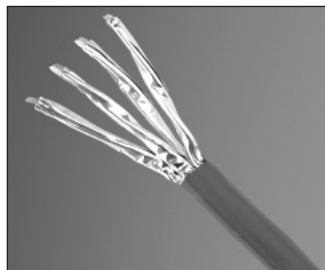


TX7000™ Shielded Cable – SSTP

specifications

The SSTP shielded cable shall be constructed of 4-pair twisted insulated 23 AWG conductors. Each individual twisted pair shall have a metallic foil shielding with an overall braid within a LSZH jacket. The shielded cable shall provide superior alien crosstalk suppression allowing for 10Gb/s channel transmissions in a cable bundle. The TX7000™ Shielded Cable must be installed as part of a complete TX6™ 10Gig™ Shielded Copper Cabling System to achieve 10GBASE-T certified performance.



technical information

ISO/IEC 11801 Class E Edition 2.1 tested to 625 MHz:	Certified performance in a 4-connector channel up to 100 meters and exceeds the requirements of the TIA/EIA 568-B.2-AD10, ISO 11801 Class E Edition 2.1, and IEEE Std. 802.3an draft proposals for supporting 10GBASE-T transmission over twisted-pair cabling systems when used as part of the PANDUIT® TX6™ 10Gig™ Shielded Copper Cabling System
Class F/Category 7 performance:	Complies with all Class F/Category 7 cable component standard requirements at swept frequencies up to 600 MHz
Cable conductors:	100% polyethylene (PE) insulation
Cable jacket:	LSZH – low-smoke zero-halogen plastic (dark gray)
Cable diameter:	0.31 inches (7.87mm)
Flame rating:	LSZH – IEC 60332-1 rated
Temperature rating:	32° to 140°F (0° to 60°C) during installation -4° to 140°F (-20° to 60°C) during operation
Installation tension:	25 lbs. (110N) maximum

key features and benefits

Screened pairs	Prevents the coupling of Near-end Crosstalk and Alien Crosstalk between twisted pairs to ensure 10GBASE-T transmission performance
Braided shield	Provides superior structural integrity and reduces low frequency external interference to ensure exceptional cable performance at all swept frequencies
Bulk packaging	1,640 ft. (500M) per reel
"Descending length" cable markings	Easy identification of remaining cable reduces installation time

applications

TX7000™ Shielded Copper Cable is a component of the TX6™ 10Gig™ Shielded Copper Cabling System. This end-to-end system provides a cost effective media for ensuring that the most challenging network bandwidth needs are easily met today and tomorrow.

Businesses are placing increased reliance on their networks to efficiently pass vital and time sensitive information throughout their enterprise.

Usage of the TX6™ 10Gig™ Shielded Copper Cabling System include:

- Data Center high bandwidth applications for switch-to-switch links, storage area networks, aggregation of data
- 3-D modeling and work group file transfer
- Web-enabling applications, such as Voice over internet protocol (VoIP) and live video/audio broadcasting

TX6™ 10Gig™ Shielded Copper Cabling System

TX7000™ Shielded Cable - SSTP

LSZH: PSL7004DG-ED

TX6™ 10Gig™ Shielded Jack Module*

Module: CJS6X88TG

Mini-COM® Flat All Metal Modular Patch Panels

24 port, 1RU: CP24BL

48 port, 2RU: CP48BL

72 port, 2RU: CP72BL

Mini-COM® Angled All Metal Modular Patch Panels

24 port, 1RU: CPA24BL

48 port, 2RU: CPA48BL

72 port, 2RU: CPA72BL

TX6™ 10Gig™ Shielded Patch Cords **

1 meter: STP6X1MBBL

1.5 meters: STP6X1.5MBBL

2 meters: STP6X2MBBL

2.5 meters: STP6X2.5MBBL

3 meters: STP6X3MBBL

5 meters: STP6X5MBBL

7 meters: STP6X7MBBL

Termination Tools

Jack module termination tool:***

EGJT

Wire snipping tool:

CWST

Wire stripping tool:

CJAST

*Offered in Black only

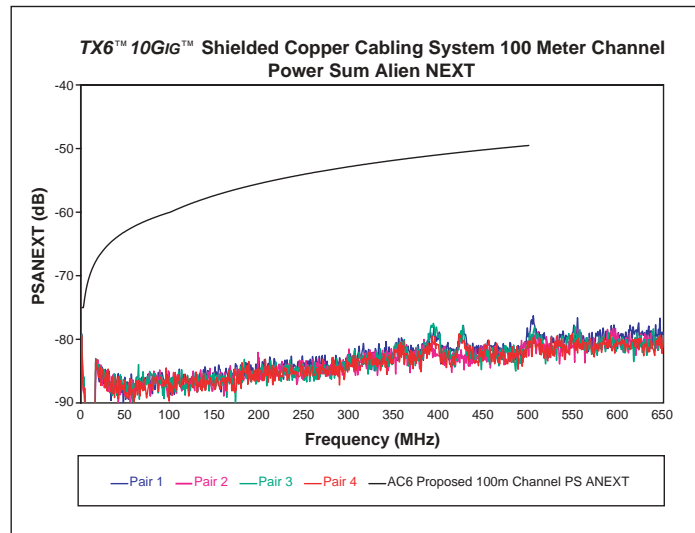
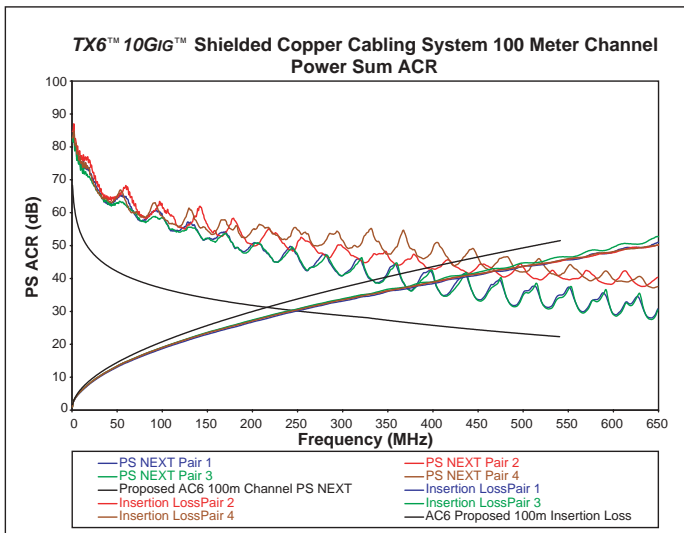
**Offered in Gray cable only with black boots.
Note: For other boot colors replace suffix BL (Black) with BU (Blue), GR (Green), RD (Red) or YL (Yellow).

***Terminates enhanced Giga-TX™ Style Jack Module

Additional TIA/EIA-568-B Specifications

Mechanical Test	PANDUIT Exceeds Industry Specifications
Ultimate Breaking Strength	>400 N (90 lb f)
Minimum Bend Radius	32mm (1.24 in.)

Electrical Test	PANDUIT Exceeds Industry Specifications
DC Resistance	<9.38 Ohm per 100M (328 ft.)
DC Resistance Unbalance	<5% at 20°C per ASTM D 4566
Mutual Capacitance	<5.6 nF per 100M (328 ft.) at 1 KHz and 20°C per ASTM D 4566
Capacitance Unbalance	<330 pF per 100M (328 ft.) at 1 KHz and 20°C per ASTM D 4566
Characteristic Impedance	100 Ohm +/- 15% from 1 to 600 MHz per ASTM D 4566
Propagation Velocity	>62.1 (at 250 MHz) LSZH, PVC - 68%



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



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