

# TX6™ Category 6 S/FTP Copper Cable

# PANDUIT®

## PRODUCT INFO

### specifications

Category 6 cable shall meet the IEC 61156-5 Category 6 and ANSI/TIA-568-C.2 Category 6 component standards. The conductors shall be 23 AWG insulated with foamed polyethylene. The copper conductors shall be twisted in pairs covered by a foil shield within an overall braided shield and a LSFRZH jacket.



### technical information

<b>Part number</b>	<b>PSW6C04**-CED</b> (** designates jacket color, DG = dark gray)
<b>Electrical performance:</b>	Certified channel performance in a 4-connector configuration up to 100 meters and exceeds ISO 11801 Class E and ANSI/TIA-568-C.2 Category 6 standards at swept frequencies up to 250MHz.  Certified component performance up to 100 meters and exceeds the component requirements of the IEC 61156-5 and ANSI/TIA-568-C.2 Category 6 standards at swept frequencies up to 250MHz.
<b>Conductors/insulators:</b>	23 AWG solid copper insulated with foamed polyethylene
<b>CPR compliance:</b>	EN 50575: Euroclass B2ca-s1a-d1-a1
<b>Installation tension:</b>	110N (25 lbf)
<b>Temperature rating:</b>	-20°C to 75°C (-4°F to 167°F) during operation
<b>Cable jacket:</b>	LSFRZH
<b>Cable diameter:</b>	7.1 mm (0.280 in.) nominal
<b>Cable weight:</b>	28kg/500m (62 lbs./1000 ft.)
<b>Packaging:</b>	500m (1640 ft.) easy payout reel

### key features and benefits

<b>Easy payout reel</b>	Ensures proper performance and provides quick installation
<b>Descending length cable markings</b>	Print legend contains footage markings from 500m to 0m (1000ft. to 0ft.)
<b>Robust design</b>	Individually foiled pairs and overall shield for robust cable performance
<b>Bulk Packaging</b>	500 meter (1640 ft.) on a reel

### applications

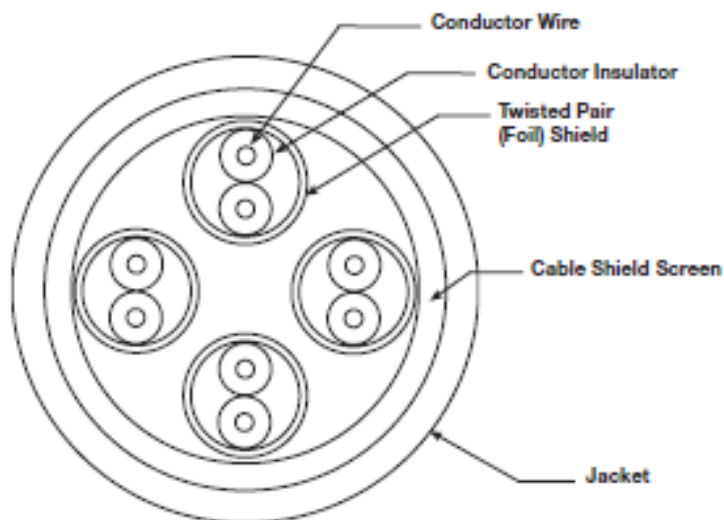
TX6™ S/FTP Copper Cable is a component of the PANDUIT TX6™ S/FTP Copper Cabling System. This end-to-end system provides Gigabit Ethernet performance with usable bandwidth beyond 250MHz. With certified performance to the ANSI/TIA-568-C.2 Category 6 and ISO 11801 Class E standards, this system will support the following applications:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet)

# ***TX6™ Category 6 S/FTP Copper Cable***

Mechanical Test	
Ultimate Breaking Strength	>400N (90 lbf)
Minimum Bend Radius	8 x Cable Diameter
Electrical Test	
Nominal Velocity of Propagation (NVP)	74% nominal

## **cable construction**



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