

# TX6™ 10Gig™ Patch Cords

## specifications

Patch cords shall be constructed of TX6™ 10Gig™ UTP solid copper cable and enhanced performance TX6™ PLUS modular plugs at each end. Patch cords shall be used in all work area outlets and patch panels. Patch cords shall be wired to be compatible with both T568A and T568B wiring schemes.



## technical information

**Augmented Category 6 performance tested to 500 MHz:** Exceeds the 10 Gigabit Draft 1.0 amendment to IEEE Std. 802.3an, October 2004 standard 4-connector channel requirements at swept frequencies up to 500 MHz, when used as part of the PANDUIT® SYNERGIST™ 10GIG™ Copper Cabling System

**Category 6 performance:** Exceeds all Category 6 component and channel standard requirements at swept frequencies up to 250 MHz

**FCC compliance:** Meets FCC Part 68 Subpart F

**IEC compliance:** Meets IEC 60603-7

**UL rated:** No. 1863

## key features and benefits

<b>100% performance tested</b>	Confidence that each patch cord delivers specified performance
<b>Centered de-embedded plug</b>	Performs in center of TIA/EIA-568-B.2-1 component range, ensuring interoperability and excellent performance
<b>Integral pair manager</b>	Optimizes performance and consistency by reducing untwist at plug
<b>Patented tangle free latch</b>	Prevents snags and provides easy release, saving time on frequent moves, adds and changes
<b>Slender strain relief boot</b>	Provides easy access in high-density applications
<b>Robust construction</b>	Utilizes 24 AWG UTP solid copper cable and RJ45 modular plug for superior performance; plug contacts plated with 50 micro inches of gold
<b>Identification</b>	Labeling of performance level, length and quality control number
<b>Crosstalk suppression</b>	Special casings on each end of the patch cord to suppress crosstalk

## applications

TX6™ 10Gig™ Patch Cords are a component of the SYNERGIST™ 10Gig™ 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 SYNERGIST™ 10Gig™ Copper Cabling System includes high bandwidth applications in data centers (switch-to-switch links, storage area networks, aggregation of data), workstations (transfer of work-group files, scientific 3-D modeling) and web-enabling technologies (live video/audio broadcasting, Voice over IP).

### TX6™ 10Gig™ Patch Cords

<b>3 feet:</b>	UTP6X3
<b>5 feet:</b>	UTP6X5
<b>7 feet:</b>	UTP6X7
<b>10 feet:</b>	UTP6X10
<b>14 feet:</b>	UTP6X14
<b>20 feet:</b>	UTP6X20

For non-standard lengths 3 to 20 feet (increments of 1 foot) change the length designation in the part number to the desired length. Typical shipping lead time is 20 working days after receipt of order. Minimum order quantity is 10 (1 carton each) for these lengths.

### TX6™ 10Gig™ UTP Copper Cable

<b>Riser:</b>	PUR6X04BU-U
<b>Plenum:</b>	PUP6X04BU-U
<b>LSZH:</b>	PUL6X04DG-UE

### TX6™ 10Gig™ Jack Module

<b>Module:</b>	CJ6X88TG*
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### DP6™ 10Gig™ Flat Patch Panels

<b>24 port, 1RU:</b>	DP246X88TG
<b>48 port, 2RU:</b>	DP486X88TG

### DP6™ 10Gig™ Angled Patch Panels

<b>24 port, 1RU:</b>	DPA246X88TG
<b>48 port, 2RU:</b>	DPA486X88TG

### Module Termination Tools

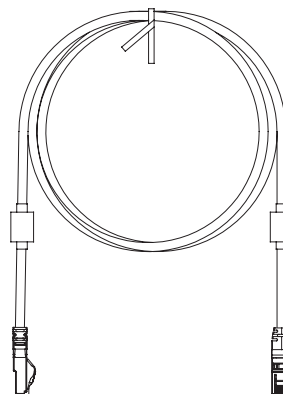
<b>Termination tool:</b>	EGJT
<b>Wire snipping tool:</b>	CWST
<b>Wire stripping tool:</b>	CJAST

\* Substitute for module colors:

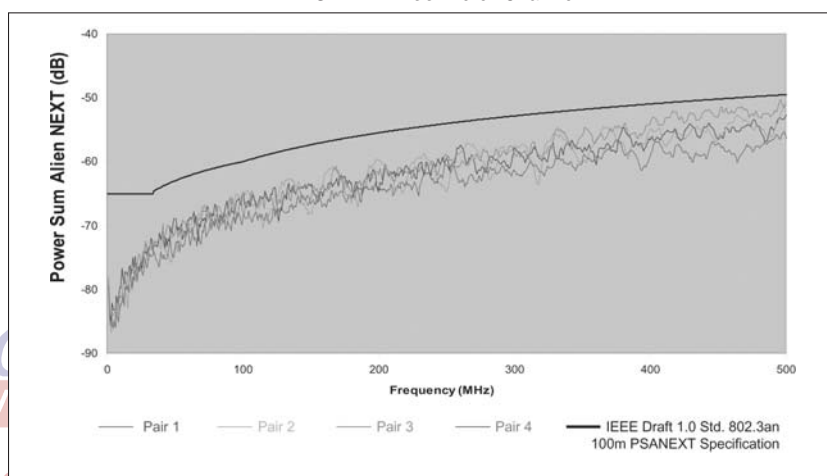
WH = White	IW = Off White
AW = Arctic White	RD = Red
EI = Electric Ivory	BU = Blue
IG = Int'l Gray	GR = Green
BR = Brown	YL = Yellow
OR = Orange	VL = Violet
BL = Black	

## TX6™ 10Gig™ Patch Cords

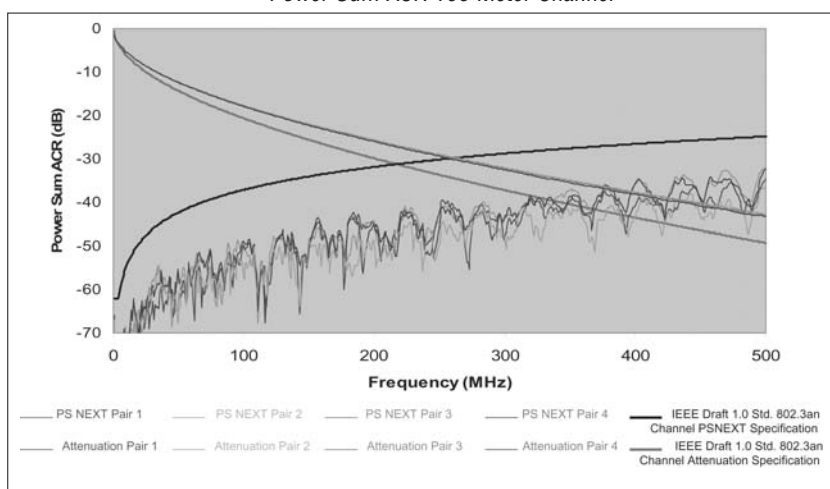
Length (ft)	Off White	Blue
3	UTP6x3	UTP6x3BU
5	UTP6x5	UTP6x5BU
7	UTP6x7	UTP6x7BU
10	UTP6x10	UTP6x10BU
14	UTP6x14	UTP6x14BU
20	UTP6x20	UTP6x20BU



PSANEXT 100 Meter Channel



Power Sum ACR 100 Meter Channel



Plug Position	Cable Wire
1	White/Orange
2	Orange
3	White/Green
4	Blue
5	White/Blue
6	Green
7	White/Brown
8	Brown

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