

NEW! MINI-COM® TX6™ 10Gig™ Shuttered Jack Module

specifications

Augmented Category 6 eight-position jack module shall terminate unshielded twisted 4 pair, 22 – 26 AWG, 100 ohm cable and shall not require the use of a punchdown tool. Jack module shall use forward motion termination to optimize performance by maintaining cable pair geometry and eliminating conductor untwist. The blue termination cap shall be color coded for T568A and T568B wiring schemes. The *MINI-COM® TX6™ 10Gig™* Shuttered Jack Module must be installed as part of a complete *TX6™ 10Gig™* UTP Copper Cabling system in order to achieve 10GBASE-T certified performance.

Sold by:



technical information

Augmented Category 6/ ISO 11801 Class E channel performance tested to 650 MHz:	Certified performance in a 4-connector channel up to 100 meters and exceeds the requirements of the 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 as part of the <i>PANDUIT® TX6™ 10Gig™</i> UTP Copper Cabling System
Category 6/Class E component performance:	Exceeds all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E component standard requirements at swept frequencies up to 250 MHz
FCC compliance:	Meets FCC Part 68 Subpart F; contacts plated with 50 microinches of gold
IEC compliance:	Meets IEC 60603-7

key features and benefits

100% performance tested:	Confidence that each jack module will deliver the critical electrical performance requirements
Utilizes enhanced GIGA-TX™ technology	Optimizes performance by eliminating conductor untwist; reduces installation expense
Improved termination cap	Conductor retention slots simplify termination
Modularity	Jack modules snap in and out of <i>MINI-COM®</i> faceplates, modular patch panels and surface mount boxes for fast moves, adds and changes
True strain relief	Controls cable bend radius for long term installed performance
Individual serialized	Jack modules can be quality traced to sub-components
Integral shuttered door	Protects RJ45 jack critical contacts from debris or dirt when not in use
Industry standard RJ45 interface	Familiar to end-users; backwards compatible

applications

MINI-COM® TX6™ 10Gig™ Shuttered Jack Module is a component of the *TX6™ 10Gig™* UTP 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™* UTP Copper Cabling System includes:

- Data Center high bandwidth applications for switch-to-switch links, storage area networks, and 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

www.panduit.com

TX6™ 10Gig™ UTP Copper Cabling System

MINI-COM® TX6™ 10Gig™ Shuttered Jack Module

Module: CJD6X88TG*

TX6™ 10Gig™ UTP Copper Cable

Plenum: PUP6X04BU-U**
Riser: PUR6X04BU-U**

DP6™ 10Gig™ Flat Punchdown Patch Panels

24 port, 1 RU: DP246X88TG
48 port, 2 RU: DP486X88TG

DP6™ 10Gig™ Angled Punchdown Patch Panels

24 port, 1 RU: DPA246X88TG
48 port, 2 RU: DPA486X88TG

TX6™ 10Gig™ Patch Cords

3 feet: UTP6X3***
5 feet: UTP6X5***
7 feet: UTP6X7***
10 feet: UTP6X10***
14 feet: UTP6X14***
20 feet: UTP6X20***

GP™ PLUS Category 6 Punchdown System

See website (www.panduit.com)
or catalog for complete
system information

Termination Tools

Jack module
termination tool: EGJT‡
Wire snipping tool: CWST
Wire stripping tool: CJUST
Panel
punchdown tool: PDT110

*To designate a color, add suffix IW (Off White), EI (Electric Ivory), IG (Int'l Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green), YL (Yellow), AW (Arctic White), BR (Brown), or VL (Violet). Contact Customer Service for additional colors requiring minimum order quantities.

**For colors other than BU (Blue), substitute with WH (White), or YL (Yellow). Contact Customer Service for additional colors requiring minimum order quantities.

***For standard cable colors other than Off White, add suffix BU (Blue) to the end of the part number. Contact Customer Service for additional colors and lengths requiring minimum order quantities.

‡Terminates enhanced *GIGA-TX™* Style Jack Module