

specifications

Category 6/Class E eight-position shuttered 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 white termination cap shall be color coded for T568A and T568B wiring schemes.



technical information

Category 6/Class E channel performance:	Exceeds all TIA/EIA-568-B.2-1 Category 6 and ISO 11801 2nd Edition Class E channel standard requirements at swept frequencies up to 250 MHz
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 MINI-COM® 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™ PLUS Shuttered Jack Module is a component of the TX6500™ and TX6000™ Copper Cabling Systems. Interoperable and backward compatible, these end-to-end systems provide design flexibility to protect network investments well into the future. With certified performance to the TIA/EIA-568-B.2-1 Category 6 and ISO 11801 Class E standards, these systems are ideal for today's high performance workstation applications. Usage of the TX6500™ and TX6000™ Copper Cabling Systems include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 10000BASE-T (10 Gigabit Ethernet over limited distances as specified in the industry 10GBASE-T standards)
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Digital video and broadband/baseband analog video
- Voice over internet protocol (VoIP)

www.panduit.com



TX6500™ and TX6000™ Copper Cabling Systems

MINI-COM® TX6™ PLUS Shuttered Jack Module

Module: CJD688TG*

TX6500™ UTP Cable

Plenum: PUP6504BU-U**

Riser: PUR6504BU-U**

TX6000™ UTP Cable

Plenum: PUP6004BU-U**

Riser: PUR6004BU-U**

TX6™ PLUS Patch Cords

3 feet: UTPSP3***

5 feet: UTPSP5***

7 feet: UTPSP7***

10 feet: UTPSP10***

14 feet: UTPSP14***

20 feet: UTPSP20***

DP6™ PLUS Flat Punchdown Patch Panels

12 port: DP12688TG

24 port, 1 RU: DP24688TG

48 port, 2 RU: DP48688TG

DP6™ PLUS Angled Punchdown Patch Panels

24 port, 1 RU: DPA24688TG

48 port, 2 RU: DPA48688TG

GP™ Plus Category 6 Punchdown System

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

Termination Tools

Jack termination tool: EGJT‡

Wire snipping tool: CWST

Wire stripping tool: CJUST

Panel punchdown tool: PDT110

*To designate a color, add suffix 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), YL (Yellow) or IG (Int'l Gray). Contact Customer Service for additional colors requiring minimum order quantities.

***For standard cable colors other than Off White, add suffix BL (Black), BU (Blue), GR (Green), RD (Red), YL (Yellow), OR (Orange) or VL (Violet) 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.