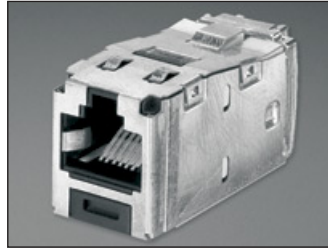


## specifications

Eight-position jack module shall terminate 4 pair 22-26 AWG 100 ohm shielded twisted pair 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

<b>Class E/Category 6 channel performance:</b>	Exceeds all ISO 11801 2 <sup>nd</sup> Edition Class E and TIA/EIA-568-B.2-1 Category 6 channel standard requirements at swept frequencies up to 250 MHz
<b>Class E/Category 6 component performance:</b>	Exceeds all ISO 11801 2 <sup>nd</sup> Edition Class E and TIA/EIA-568-B.2-1 Category 6 component standard requirements at swept frequencies up to 250 MHz
<b>FCC compliance:</b>	Meets FCC Part 68 Subpart F; contacts plated with 50 micro inches of gold
<b>IEC compliance:</b>	Meets IEC 60603-7

## key features and benefits

<b>100% NEXT &amp; Return Loss performance tested</b>	Confidence that each jack module delivers NEXT and Return Loss performance
<b>Utilizes Enhanced GIGA-TX<sup>™</sup> Technology</b>	Optimizes performance by eliminating conductor untwist; reduces installation expense
<b>Improved termination cap</b>	Conductor retention slots simplify termination
<b>Modularity</b>	Jack modules snap in and out of all MINI-COM <sup>®</sup> faceplates, modular patch panels and surface mount boxes for fast moves, adds and changes
<b>True strain relief</b>	Controls cable bend radius for long term installed performance
<b>Individually serialized</b>	Jack modules can be quality traced to sub-components
<b>Integral shield</b>	No additional assembly required and provides 360° conductive path for grounding

## applications

MINI-COM<sup>®</sup> TX6<sup>™</sup> Plus Shielded Jack Module is a component of the TX6000<sup>™</sup> Shielded Copper Cabling System. Interoperable and backward compatible, this system provides design flexibility to protect network investments well into the future. With certified performance to the ISO 11801 Class E and TIA/EIA-568-B.2-1 Category 6 standards, this system is ideal for today's high performance workstation applications. Applications of the TX6000<sup>™</sup> Shielded Copper Cabling System include:

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

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### TX6000<sup>™</sup> Shielded Copper Cabling System

#### MINI-COM<sup>®</sup> TX6<sup>™</sup> Plus Shielded Jack Module\*

**Module:** CJS688TG

#### TX6000<sup>™</sup> Shielded Cable - S/FTP

**LSZH:** PSFL6004DG-ED

**PVC:** PSFC6004LG-ED

#### TX6000<sup>™</sup> Shielded Cable - FTP

**LSZH:** PFL6004DG-ED

**PVC:** PFC6004LG-ED

#### MINI-COM<sup>®</sup> Flat All Metal Modular Patch Panels

**24 port, 1RU:** CP24BL

**48 port, 2RU:** CP48BL

**72 port, 2RU:** CP72BL

#### MINI-COM<sup>®</sup> Angled All Metal Modular Patch Panels

**24 port, 1RU:** CPA24BL

**48 port, 2RU:** CPA48BL

**72 port, 2RU:** CPA72BL

#### TX6<sup>™</sup> 10Gig<sup>™</sup> 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:** CCAST

\*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<sup>™</sup> Style Jack Module

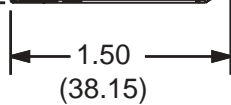
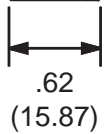
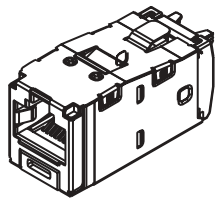
# MINI-COM® TX6™ Plus Shielded Jack Module

## MINI-COM® TX6™ Plus Shielded Jack Module Test Results

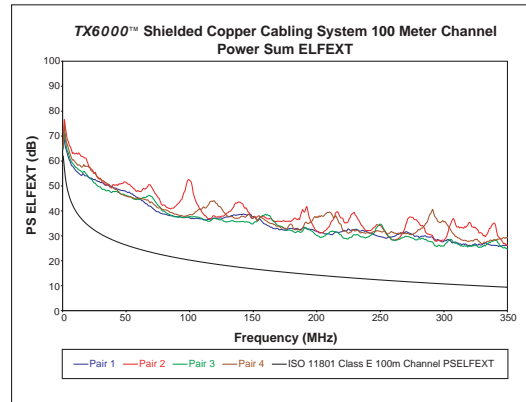
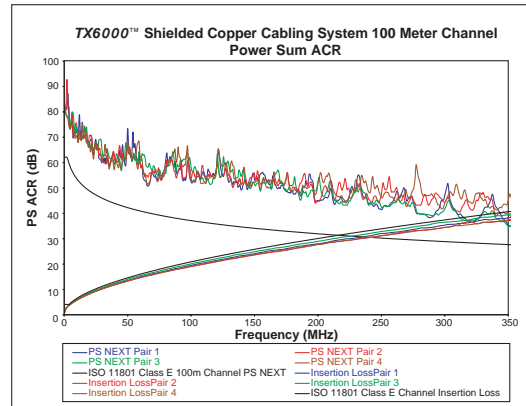
Mechanical Test	Test Method	Measurement	Typical Test Results
<b>Normal Force</b>	—	Load (grams)	> 100
<b>Vibration</b>	IEC 512-6d	Circuit Resistance (mOhms)	< 40
<b>Shock</b>	IEC 512-6c	Contact Disturbance (microsecond)	< 5
<b>Durability</b>	IEC 512-9a	Circuit Resistance (mOhms)	< 40
<b>Mating/Un-mating</b>	IEC 512-13b	Mating Force (N)	< 20
		Un-mating Force (N)	< 20

Electrical Test	Test Method	Measurement	Typical Test Results
<b>Low Level Circuit Resistance</b>	IEC 512-2a	Resistance (mOhms)	< 20
<b>Dielectric Withstand Voltage</b>	IEC 512-4a	1000 V, 1 minute	Passed
<b>Insulation Resistance</b>	IEC 512-3a	Resistance (MOhms)	> 500

Environmental Test	Test Method	Measurement	Typical Test Results
<b>Temperature Life</b>	IEC 512-9b	Circuit Resistance (mOhms)	< 40
<b>Humidity</b>	IEC 512-11c	Circuit Resistance (mOhms)	< 40
<b>Thermal Shock</b>	IEC 512-11d	Circuit Resistance (mOhms)	< 40
<b>Climatic Sequence</b>	IEC 512-11a	Circuit Resistance (mOhms)	< 40
<b>Flowing Mixed Gas Corrosion</b>	IEC 512-11g	Circuit Resistance (mOhms)	< 40



Units are in inches (mm)



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