

# NetKey® Category 5e Leadframe Jack Modules

## SPECIFICATIONS

Category 5e/Class D, 8-position keystone UTP jack module shall terminate unshielded twisted 4-pair, 22 AWG - 24 AWG, 100 ohm cable without the use of a punchdown tool. Optional tool ensures conductors are fully terminated. Universal label is color-coded T568A and T568B wiring schemes.



## TECHNICAL INFORMATION

<b>Category 5e/Class D channel and component performance:</b>	Exceeds channel requirements of ANSI/TIA-568.2-D Category 5e and ISO 11801 Class D Standards at swept frequencies 1 to 100 MHz Exceeds component requirements of ANSI/TIA-568.2-D Category 5e and ISO 11801 Class D Standards at swept frequencies 1 to 100 MHz
<b>FCC and ANSI compliance:</b>	Meets ANSI/TIA-1096-A; contacts plated with 50 microinches of gold for superior performance
<b>IEC compliance:</b>	Meets IEC 60603-7 and IEC 60512-99-002
<b>PoE and PoH compliance:</b>	Meets IEEE 802.3af/802.3at and 802.3bt type 3 and type 4. Supports Power over HDBaseT up to 100 watts
<b>c(UL)us listed:</b>	UL 1863 (Use as communications circuit accessory); CSA Standard C22.2
<b>RoHS compliance:</b>	Compliant
<b>Operating temperature:</b>	14°F to 140°F (-10°C to 60°C)

## KEY FEATURES AND BENEFITS

<b>100% Performance tested:</b>	Confidence that each jack module delivers specified performance
<b>Termination cap:</b>	Provides strain relief, helps control cable end radius and securely retains wires in place
<b>Modular:</b>	Universal keystone jack modules snap in and out of all NetKey Faceplates, Modular Patch Panels, and Surface Mount Boxes for fast moves, adds, and changes

## APPLICATIONS

Applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- Voice over internet protocol (VoIP)

### NetKey Category 5e Jack Modules

**Module:** NK5E88M\*Y

### NetKey Category 5e Patch Cords

**24-port, 1 RU:** NKFP24Y

**48-port, 2 RU:** NKFP48Y

### Termination Tools

**Termination tool:** CJT‡

**Snipping tool:** CWST

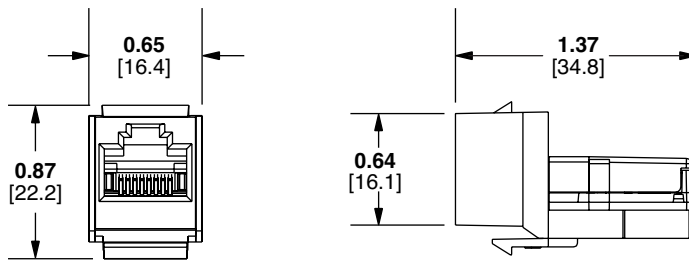
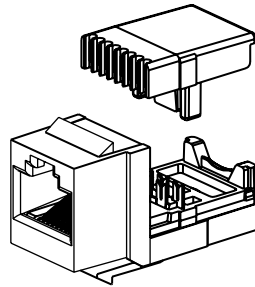
**Stripping tool:** CJUST

\*Colors: IW (Off White), EI (Electric Ivory), IG (International Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green), VL (Violet), AW (Arctic White), or YL (Yellow)

‡Terminates NetKey Keystone Leadframe Jack Modules.

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## ENGINEERING DRAWINGS



Dimensions are in inches. [Dimensions in brackets are metric].

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