

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

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

KEY FEATURES AND BENEFITS

100% Performance tested:	Confidence that each jack module delivers specified performance
Termination cap:	Provides strain relief, helps control cable end radius and securely retains wires in place
Modular:	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)

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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

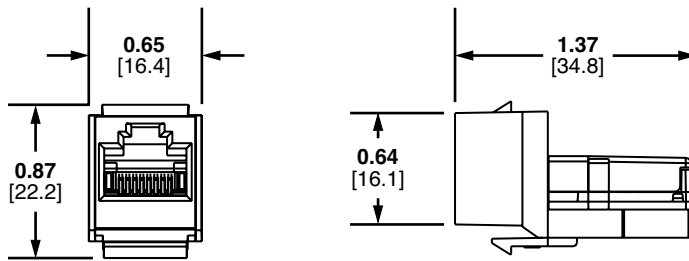
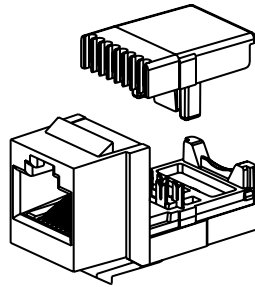
Stripping tool: CJUST

*Colors: IW (Off White), EI (Electric Ivory), IG (International I 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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