

NetKey® Category 5e Leadframe Jack Modules

PANDUIT®

DATA SHEET

Category 5e/Class D, 8-position keystone UTP jack module shall terminate unshielded twisted 4-pair, 22 – 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 performance:	Meets all TIA/EIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D channel requirements at swept frequencies up to 100 MHz
FCC compliance:	Meets ANSI/TIA-968-A; contacts plated with 50 microinches of gold
IEC compliance:	Meets IEC 60603-7
PoE compliance:	Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE applications
UL rated:	UL 1863 approved
RoHS compliance:	Compliant

key features and benefits

100% performance tested	Confidence that each jack module delivers specified performance
Termination cap	Provides strain relief, helps control cable bend 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
Individually serialized	Marked with quality control number for future traceability
Convenience packaging (optional)	25 jacks packaged in one easy to open container, eliminating the time to open each individual package and reducing on-site waste; ideal for high volume installations

applications

Applications include:

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Voice over internet protocol (VoIP)

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NetKey® Network Components

NetKey® Category 5e Jack Modules

Module:	NK5E88M*Y
Convenience pack of 25 modules:	NK5E88M*-Q

NetKey® Category 5e Patch Cords

Foot lengths:	NK5EPC3**Y
Meter lengths:	NK5EPC1M^Y

NetKey® Modular Patch Panels

24-port, 1 RU:	NKPP24P
48-port, 2 RU:	NKPP48P

Termination Tools

Termination tool:	CJT‡
Snipping tool:	CWST
Stripping tool:	CJAST

*For colors other than IW (Off White), add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number.

**For standard lengths other than 3 feet (5, 7, 10, 14 or 20) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 foot patch cord is NK5EPC5BUY.

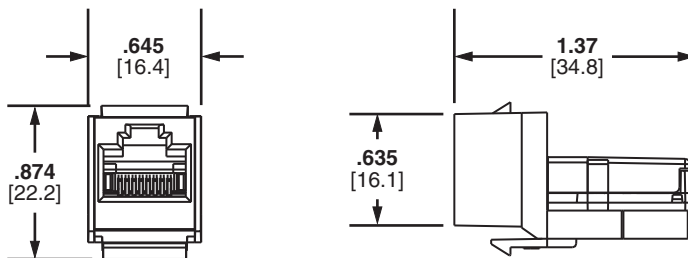
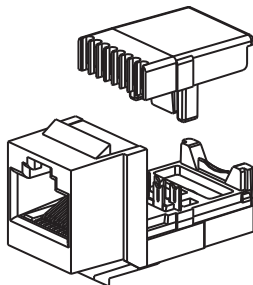
^For standard lengths other than 1 meter (2, 3, 4 or 5) change the length designation in part number to the desired length. For standard cable colors other than Off White, add suffix BU (Blue), GR (Green), RD (Red) or YL (Yellow) before the Y at the end of the part number. For example, the part number for a blue 5 meter patch cord is NK5EPC5MBUY.

‡Terminates NetKey® Keystone Leadframe Jack Modules.

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NetKey® Category 5e Electrical Performance

Parameters	dB @ 100 MHz
NEXT	> 43.0
FEXT	> 35.1
Attenuation	< 0.40
Return Loss	> 20.0



Dimensions are in inches [Dimensions in brackets are metric]

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NKDS32--WW-ENG
Replaces WW-NKDS07
12/2012