NetKey® Category 5e Punchdown Jack Modules

PANDUIT®

DATA SHEET

Category 5e/Class D 8-position, industry standard keystone jack module terminates 4-pair, 22 – 26 AWG, 100 ohm unshielded pair cable. Jack module uses a punchdown tool to properly and securely terminate each conductor for optimum performance. The jack module contains a color coded label for T568A and T568B wiring schemes. A retention cap provides additional strain relief.



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 standard requirements at swept frequencies up to 100 MHz
FCC compliance:	Meets ANSI/TIA-968-A requirements; contacts plated with 50 microinches of gold for superior performance
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
110 style punchdown termination	Utilizes industry standard termination style and includes a wire retention cap
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® Jack Modules

Module:	NKP5E88M*
Convenience pack of 25 modules:	NKP5E88M*-Q

NetKey® 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 and Cable Prep Tools

Punchdown tool:	PDT110‡
Punchdown base:	NKSPB
JackRapid+ Termination Tool:	JR-PAN-2‡‡
Cable snipping tool:	CWST
Cable stripping tool:	CJAST

*To designate a color, add suffix IW (Off White), EI (Electric Ivory), IG (Int'l Gray), WH (White), BL (Black), OR (Orange), RD (Red), BU (Blue), GR (Green) or YL (Yellow).

**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.

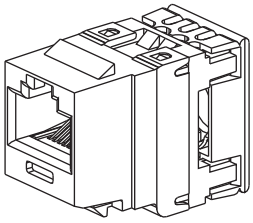
‡Terminates the NetKey® Keystone Punchdown Jack Module and NetKey® Patch Panel.

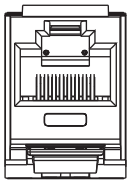
‡‡Terminates the NetKey® Keystone Punchdown Jack Module. Fluke JackRapid Termination Tool available through distribution. To locate the local office, visit www.flukenetworks.com/contact.

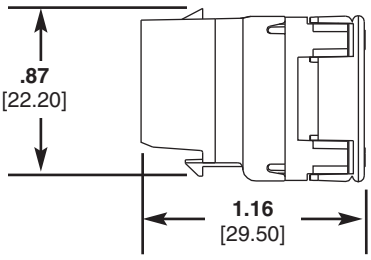
+JackRapid is a trademark of Fluke Networks.

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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NKDS34--WW-ENG
Replaces WW-NKDS04
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