

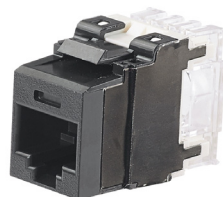
NetKey® Category 6A Punchdown Jack Module

PANDUIT®

DATA SHEET

specifications

Category 6A/Class E_A, 8-position keystone jack module shall terminate unshielded twisted 4-pair, 22 – 26 AWG, 100 ohm cable. Punchdown tool properly terminates each conductor for optimum performance. Universal label is color-coded T568A and T568B wiring schemes.



technical information

| | |
|---|---|
| Category 6A/Class E_A channel and component performance: | Exceeds ANSI/TIA-568-C.2 Category 6A and ISO 11801 Class E _A channel requirements at swept frequencies up to 500 MHz Exceeds ANSI/TIA-568-C.2 and ISO 11801 Class E _A standards at swept frequencies up to 500 MHz |
| FCC compliance: | Complies with ANSI/TIA-1096-A (formerly FCC Part 68); contacts plated with 50 microinches of gold for superior performance |
| IEC compliance: | Meets IEC 60603-7 |
| PoE compliance: | Supports IEEE 802.3af/802.3at and proposed 802.3bt type 3 and type 4 PoE applications |
| Safety compliance: | cULus Listed; UL 1863 and CAN/CSA-C22.2 (UL File E129886) |
| 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 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

NetKey® Category 6A Punchdown Jack Modules provide a cost effective medium for ensuring that network bandwidth needs are easily met today and tomorrow. The NetKey® Solution helps organizations efficiently and reliably meet data transmission needs.

With certified performance to ISO 11801 and ANSI/TIA-568-C.2 Category 6A component standards, this system will support high bandwidth applications such as those required by education, healthcare, finance, and banking.

NetKey® Category 6A Jack Module

Module: NK6X88M*
Bulk pack of 24 jack modules: NK6X88M*-Q

Termination and Cable Prep Tools

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

*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).

‡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.

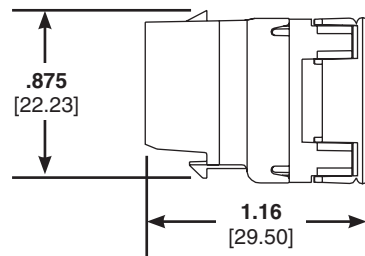
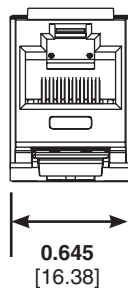
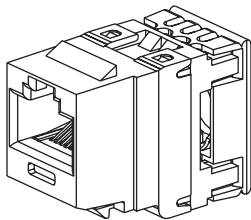
NetKey® Category 6A Punchdown Jack Module

Test Results

| Mechanical Test | Test Method | Measurement | Typical Test Results |
|---------------------------|-------------|------------------------------------|----------------------|
| <i>Normal Force</i> | — | Load (grams) | >100 |
| <i>Vibration</i> | IEC 512-6d | Circuit Resistance (mOhms) | <40 |
| <i>Shock</i> | IEC 512-6c | Contact Disturbance (microseconds) | <5 |
| <i>Durability</i> | IEC 512-9a | Circuit Resistance (mOhms) | <40 |
| <i>Mating/Un-Mating</i> | IEC 512-13b | Mating Force (N) | <20 |
| | | Un-Mating Force (N) | <20 |
| <i>Termination Cycles</i> | IEC 352 | Number of Cycles | <20 |

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

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



Dimensions are in inches [Dimensions in brackets are metric]

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.