

Category 6 Keystone Jack RJ45, 110 IDC



PRODUCT DESCRIPTION

- Hyperline keystone Category 6 110 punch down style connectors offer an economical choice for 110 punch down style connections. Each jack is color coded for both the EIA/TIA568 A and B standards for compatibility with any installation. Compatible with the HT-KJE-TOOL Hyperline offers 11 different Keystone jack colors to satisfy all your installation requirements.

SPECIFICATIONS

- Meet TIA/EIA TSB-40; ANSI/TIA/EIA-568-B.2 Cat.6 Short Link requirements
- Testing with Fluke DSP-4300 PM06 module for NEXT: 10 dB min

FEATURES

- Two types of tools can be applied for pin termination:
- 110 type punch down tool or easy termination E-TOOL E-TOOL allows for termination and cutting of all excess wires simultaneously in one squeeze
- High-impact, flame-retardant plastic housing
- IDC connectors accept 22-24 AWG wire

MATERIALS

- RJ-45 housing: high-impact ABS plastic (UL 94V)
- RJ-45 pins: phosphor bronze with gold plating
- IDC housing: polycarbonate (PC, UL 94V-0)
- IDC pins: Ø 0.45 mm; phosphor bronze with tin plating
- Insertion cap: polybutylene terephthalate, 19% glass (PBT GF)
- Insertion base: polybutylene terephthalate, 30% glass (PBT GF)
- Wire cap: polycarbonate (PC, UL 94V-0)



ELECTRICAL CHARACTERISTICS

- Max. Current rating (at 20°C) 1.8 A
- Max. Voltage rating 150 V
- IDC contact resistance ≤ 2.5 mOhm Spring
- Contact resistance ≤ 20 mOhm Insulation
- Resistance ≥ 500 MOhm/ 100 V DC
- Dielectric withstand voltage 1000 V AC RMS, 60 Hz/ 1min

OPTICAL CHARACTERISTICS

- Insertion/ Extraction life ≥ 750 cycles
- Relative humidity $\leq 93\%$
- Operating temperature $-10^{\circ}\text{C} - +60^{\circ}\text{C}$
- Storage temperature $-40^{\circ}\text{C} - +70^{\circ}\text{C}$
- Retention 50 N

OPTICAL CHARACTERISTICS

Part Number	Product Description
KJE-8P8C-C6-90-WH	Category 6 Keystone Jack RJ45, 110 IDC, White
KJE-8P8C-C6-90-BL	Category 6 Keystone Jack RJ45, 110 IDC, Blue
KJE-8P8C-C6-90-GY	Category 6 Keystone Jack RJ45, 110 IDC, Grey
KJE-8P8C-C6-90--OR	Category 6 Keystone Jack RJ45, 110 IDC, Orange
KJE-8P8C-C6-90-GN	Category 6 Keystone Jack RJ45, 110 IDC, Green
KJE-8P8C-C6-90-VT	Category 6 Keystone Jack RJ45, 110 IDC, Violet
KJE-8P8C-C6-90-BK	Category 6 Keystone Jack RJ45, 110 IDC, Black
KJE-8P8C-C6-90-YL	Category 6 Keystone Jack RJ45, 110 IDC, Yellow
KJE-8P8C-C6-90-IV	Category 6 Keystone Jack RJ45, 110 IDC, Ivory
KJE-8P8C-C6-90-RD	Category 6 Keystone Jack RJ45, 110 IDC, Red
KJE-8P8C-C6-90-PK	Category 6 Keystone Jack RJ45, 110 IDC, Pink



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