

Keystone Jack, UTP, RJ-45, Category 6

Description:

Opterna category 6 jacks are designed and manufactured to meet the current and future requirements for high bandwidth and forms an essential element of the structured cabling system.

The jack forms the part of the faceplate as well as a part of the modular patch-panel. Rear clear wire retaining caps provide additional cable strain relief.

Structural Features:

- Category identification on the front side of the jack.
- Universal color code according to T568B and T568A
- Two types of tools may be used for termination: 110 and Krone type
- Re-terminable IDC contacts that allow for wiring changes without damaging the unit.

Application:

- Horizontal Distribution & Backbone Cabling
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000 BASE-T (IEEE 802.3)
- 155 Mbps ATM
- 100 Mbps TP-PMD
- ISDN, ADSL

Specifications:

- Complies with TIA/EIA-568-B-2.1, ISO/IEC 11801(Class E), CENELEC EN 50173 category 6 requirements
- Complies to FCC Part 68 Subpart F.

Physical:

Housing:

- High Impact, flame retardant plastic, UL94V-0.

Jack Contacts:

- Phosphor Bronze plated with 50 micro-inch gold over 100 micro-inch of nickel.

IDC Contact:

- Phosphor Bronze with 100 micro-inch 9:1 Sn-Pb alloy.

Electrical Characteristics:

Current Rating:	1.5 A max
DC Resistance:	0.1 ohm maximum
Contact Resistance:	20 mOhm
Insulation Resistance:	500 Megohms



PRENET STRUCTURED CABLING SOLUTIONS



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Voltage Rating: 150 V
Dielectric Withstand Voltage: 1000 V, AC RMS, 60 Hz/1 min

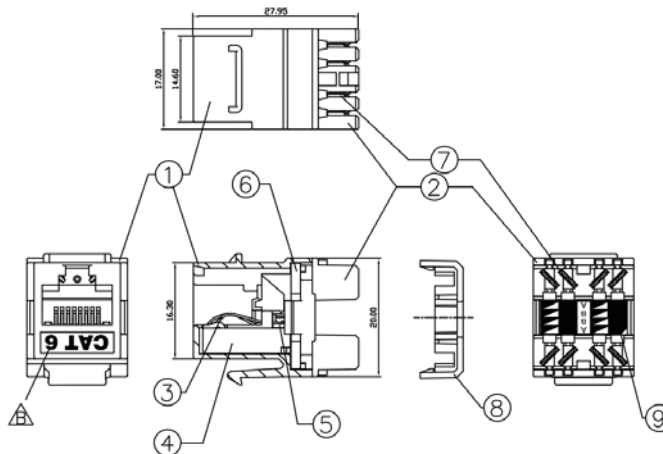
Environmental Conditions:

Temperature Range
Storage: -40 to +70° C
Operation: -10 to +60° C
Relative Humidity (Operational): Maximum non-condensing 93%

Mechanical:

Total Contact Force: 800grams
Retention: 50N
Insertion/Extraction: 750 cycles minimum
IDC Wire Gauge: 22 ~ 26 AWG

Technical Specifications :



Ordering Information :

SCS-JA-C6-UTP-BK 180° Cat 6 Keystone jack with T568A/B label, Black

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