

Introduction:

Acting as an important part of the systemized cabling system, the Tecum category 6 unshielded jacks are produced to achieve present and forthcoming bandwidth requirements. These keystone jacks provide utmost durability along with ideal network performance. The jacks come with clear wire retaining caps to offer strain support, and is integrated into the faceplate and modular patch-panel. While the 568A and 568B standards are color coded, all our keystones are toeless.

Features:

RJ45 Unshielded Jack

- Universal color code according to T568A and T568B
- Mounts in faceplates or patch panels
- Compatible with a wide range of international faceplates
- Frequency range up to 250 MHz
- Comply with ROHS



Applications:

- 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
- Analogue Voice, ISDN, ADSL
- HVAC, Alarm systems and other signaling

Standards:

- Cat6 / Class E
- TIA/EIA-568-C-2
- ISO/IEC 11801:2011 (Ed.2.2) Class E
- CENELEC EN 50173-1:2011
- FCC Part 68 Subpart F
- IEC 60603-7-4

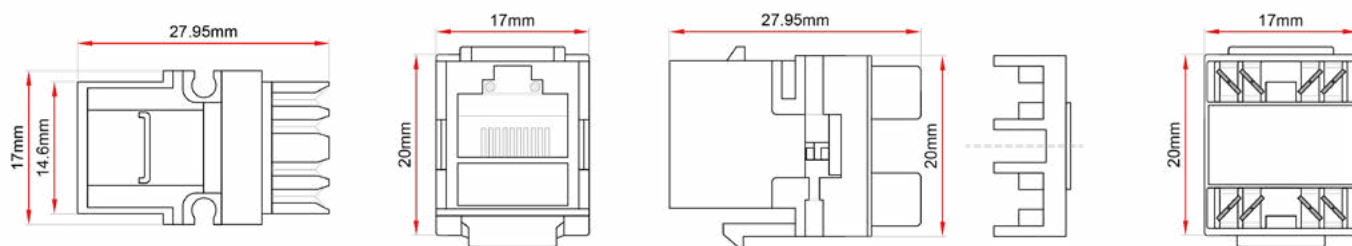
Electrical Characteristics:

Voltage Rating	60 V
DC Resistance	200mΩ max (per pin)
Contact Resistance	2.5mΩ max(IDC) 20mΩ max (Insert)
Insulation Resistance	500MΩ min (100V D.C)
Current Rating	1.5 Amps
Dielectric Withstanding Voltage	1000 V, RMS @ 60Hz for 1 minute
Impedance	It features impedance-matching technique for improving Return Loss and compensation methodology to counter-act NEXT & FEXT

Mechanical Characteristics:

Total Contact Force	800 grams
Retention	50N
Insertion/Extraction	750 cycles minimum
Storage	-40°C to + 70° C
Operation	-10°C to + 60° C
Relative Humidity (Operational)	Maximum non-condensing 93%
IDC Wire Gauge	22 ~ 26 AWG
Housing	Flame retardant, High Impact, UL94V-0 rated
Jack Contacts	Phosphor Bronze Alloy plated with 50 micro-inch of gold over 100 micro-inch of nickel
IDC Contact	Phosphor Bronze with 100 micro-inch Tin

Technical Specifications:



Ordering Info:

100150	180° Cat 6 Unshielded Keystone Jack with T568A/B label, Black
100151	180° Cat 6 Unshielded Keystone Jack with T568A/B label, White
100157	90° Cat 6 Unshielded Keystone, tool less, white

Package:

- Individually packed jacks with termination instructions, 10 pieces per box