

### CAT6 Keystone Jack

#### Unshielded

#### Application/Product Description

The HTC Series Category 6 unshielded Tool-free Keystone Jack is designed to support Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), 1000BASE-T (Gigabit Ethernet), 155 Mb/s ATM, Token Ring 4/16, voice/data systems and Voice over Internet Protocol (VoIP) systems running over a Category 6 cabling system and is backwards compatible with legacy Category 5e, Category 5 and voice network infrastructures.

Short body allows for use in more restrictive areas of installation. The tool-free design allows for fast on-site installation without the need for any specialized termination tool.

#### Features and Benefits

- 3rd party tested & verified - component compliant
- Supports CAT6 1G 250Mhz
- Plastic free packaging
- Tool-free design
- Short Jack length to support restrictive spaces

#### Standards Compliance

- ISO/IEC 11801:2002
- BS EN 50173
- ANSITIA/EIA 568-C.2
- Compatible for both 568A / B Wiring configurations
- Minimum insertions 750
- Accepts 22-24 AWG conductors

#### Technical Data

Electrical Specification	
Insulation Resistance	Minimum 500 MΩ
DC Current Rating	1.5 Amps
Input to Output DC Resistance	Maximum 100MΩ
Contact Resistance	Maximum 20MΩ
Voltage Proof (Contact to Contact)	1000 V AC
Voltage Proof (Contact to Shield)	1500 V DC

Environmental Specification	
Operating Temp	-10°C to 60°C
Storage Temp	-40°C to 68°C
Humidity	10% to 90% RH (non-condensing)



Category 6 Unshielded Keystone Jack



Category 6 Unshielded Keystone Jack (top view)



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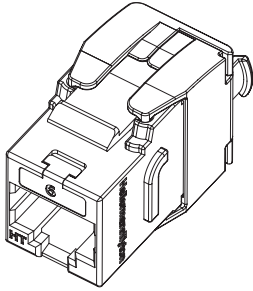
TYPE	Description
HTC-C6U-KJ12	CAT6 Unshielded Tool-Free Keystone Jack - Box of 12pcs

Compatible Panel	HTC-XXS-PPF241U/BK
	HTC-XXS-PPA241U/BK
Compatible Modules	HTC-EMA50/WH
	HTC-6CA50/WH

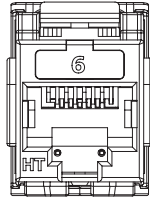
Physical Specification	
Insertion Life	Minimum 750 mating Cycles
Plug Retention Force	Minimum 11LBF
IDC Durability	Minimum 30 termination Cycles
Conductor	Solid 22-24 AWG
Connector Type	RJ-45 8P8C Plug

Material Specification			
Keystone Housing	PC+ABS,UL94V-0		
Jack Contacts	Phosphor Bronze, 50u" Gold Plating		
IDC Terminals	Phosphor Bronze, tin plated		
Dimensions (mm)	W	D	H
	16	34	21

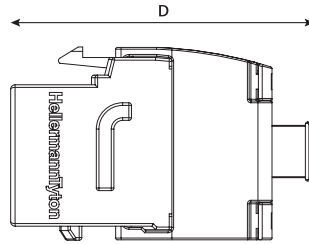
### Technical Diagrams



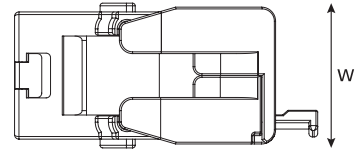
CAT6 Keystone Jack



Front view



Side view



Top view