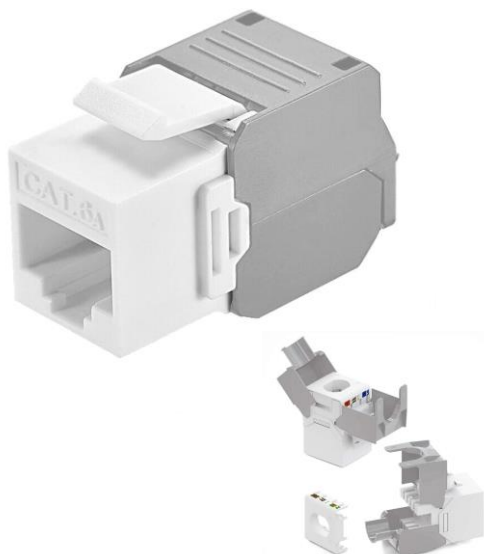


# CKKS6AUWH | Category 6A Unshielded Keystone Jack Module



## Product Description:

CTS Category 6A unshielded Keystone Jacks are high performance tool free modules, supporting up to 10 Gigabit Ethernet (10GBASE-T) networks.

## Applications:

Suitable for use in data centers, telecommunications rooms, and high-speed network installations. Supports applications such as Ethernet, PoE (Power over Ethernet), and other high-speed data transmissions.

## Standards:

ANSI/TIA-568.2-D  
ISO/IEC 11801-1 Category 6A  
IEC 60512-99-002  
IEC 60603-7-4

## Features & Benefits:

180deg Category 6A UTP Keystone Jack  
Dual IDC to support T568 A/B wiring configuration  
Transmission parameters up to 500 MHz  
ROHS 2002/95/EC Compliant

\*Images are for representative purposes only

## Material Specification:

Cable type	Unshielded
Conductor type	23-26 AWG Solid or Stranded

## Physical Specification:

Material Housing	Thermoplastic UL 94V-0
Contact Plating	0.35mm Phosphor Bronze 50µ Gold over Nickel Plating
IDC Contact Plating	0.5mm Phosphor Bronze Tin-plating
PCB	FR-4 1.2mm thickness

## Environmental Specification:

Operating Temperature	-10 to 60°C
Storage Temperature	-40 to 68°C
Operating Humidity	10% to 90% RH



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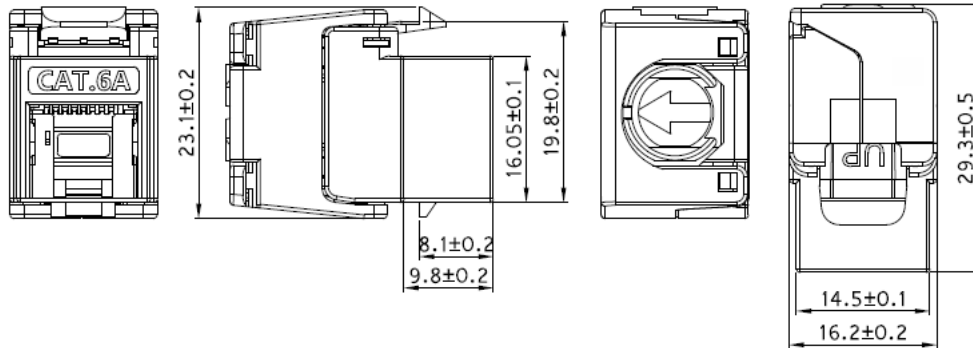


## Electrical Specification:

Current Rating	1.5 A
Insulation Resistance	$\geq 500 \text{ M}\Omega$
Contact Resistance	$\leq 10 \text{ m}\Omega$
DC resistance	$\leq 0.1 \text{ m}\Omega$
DC/AC Volt Endurance	DC1000V / AC 750V 1 min

## Mechanical Specification:

Plug Insertion Life	$\geq 750$ cycles with FCC compliant RJ-45 Plug
Plug & Jack Contact force	$\geq 100 \text{ g}$ with FCC compliant RJ-45 Plug
Plug retention force	$\geq 11 \text{ lbf}$
Durability	200 termination cycles



## Ordering Information:

**CCKS6AUWH** CTS Category 6A Unshielded Keystone Jack 180deg White

**CCKS6AUBK** CTS Category 6A Unshielded Keystone Jack 180deg Black

Colour options - Replace (WH) in the part number with:

BK = Black, BU = Blue, GR = Green, GY = Grey, OR = Orange, RD = Red, VT = Violet, YL = Yellow

