

CCKS6UWH | Category 6 Unshielded Keystone Jack Module



*Images are for representative purposes only

Product Description:

CTS Category 6 unshielded Keystone Jacks are 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 and backward compatible with Category 5e and voice network infrastructures.

Applications:

Residential, Commercial & Industrial Networking
Security and Surveillance
Smart Building Applications

Standards:

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

Features & Benefits:

180deg Category 6 UTP Keystone Jack
Dual IDC to support T568 A/B wiring configuration
Transmission parameters up to 250 MHz
ROHS 2002/95/EC Compliant

Material Specification:

Cable type	Unshielded
Conductor type	22-24 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 70°C
Operating Humidity	10% to 90% RH



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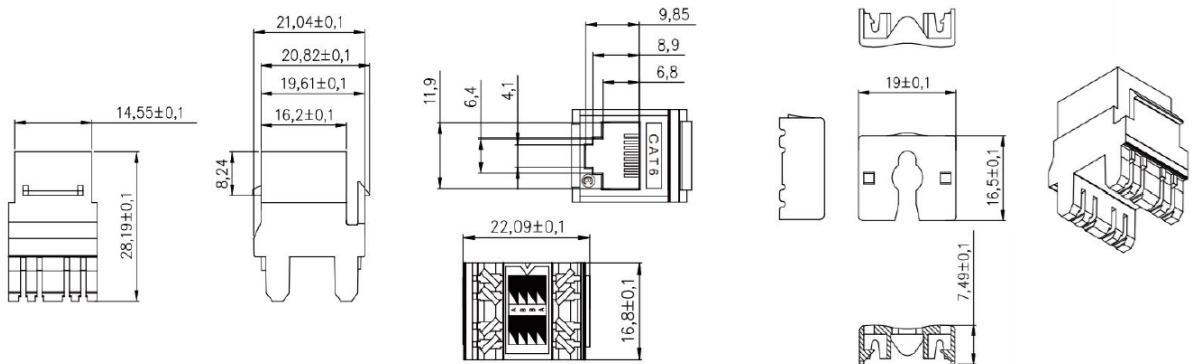


Electrical Specification:

Current Rating	1.5 A
Insulation Resistance	$\leq 250 \text{ M}\Omega @ 100\text{V DC}$
Contact Resistance	$\leq 20 \text{ m}\Omega$
DC resistance	$\leq 0.1 \text{ m}\Omega$
DC/AC Volt Endurance	DC1000V / AC 700V RMS 60 Hz 1 min

Mechanical Specification:

Plug Insertion Life	≥ 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:

CCKS6UWH CTS Category 6 Unshielded Keystone Jack 180deg White

CCKS6UBK CTS Category 6 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

