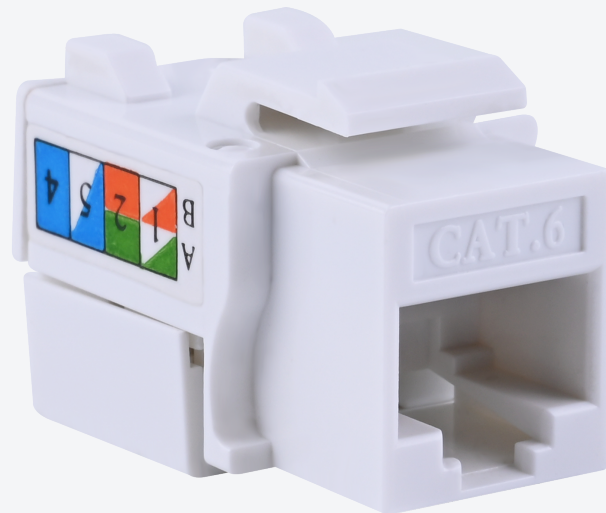


Unshielded Cat6 RJ45 Keystone Jack

C264-C6



Overview

The Unshielded Cat6 RJ45 Keystone Jack offers stable, reliable connections, meeting ANSI/TIA/EIA-568B.2.1 standards. Gold-plated RJ45 contacts ensure corrosion-free and stable connections, while the IDC cap protects the wires. Compatible with the T568A/B wiring scheme, and Cat6 and Cat5e unshielded cables, it fits easily into keystone wall plates for versatile, high-speed networking.



Benefits

90 degree punch-down structure design

Meets ANSI/TIA/EIA-568B.2.1 standards

Gold-plated RJ45 contacts ensure corrosion-free connections

T568A and T568B wiring schemes

IDC cap protects the wires and connections

Fits into keystone wall plates and surface mount boxes

Compatible with Cat6/Cat5e/Cat5 unshielded cables

Technical Specification

Parameter	Value
Product Type	Cat6 Keystone Jack
Color	White
Components	Cat6 Keystone Jack, IDC Retaining Cap
Housing Material	PC
Insert Material	PBT
PCB Material	FR-4
RJ45 Contact Material	Phosphor Bronze, Gold Plated
IDC Contact Material	Phosphor Bronze, Nickel Plated
Pin Process	Stamping
Size	1.22 in x 0.78 in x 0.87 in (30.90 mm x 19.80 mm x 22.07 mm) (L x W x H)
PCB Thickness	0.06 inch (1.60 mm)
Pin Thickness	0.01 inch (0.30 mm)
IDC Contact Thickness	0.02 inch (0.50 mm)
Net Weight	0.02 lb (8.70 g)
Functions	The Cat6 keystone jack provides a stable wired connection for Cat6 and lower cables. The IDC retaining cap secures the wires in place, ensuring a stable connection and preventing them from loosening.
Applicable Wire Gauge	23-24 AWG Solid and Stranded Wires
Applicable Equipment	Keystone Wall Plates
Compatibility	Cat5, Cat5e, Cat6 Cables
Data Rate Support	1000 Mbps
Bandwidth	250 MHz
Shielding Type	Unshielded
Wiring Type	T568A/B
Termination Type	Punch Down
Style	90-degree; Unshielded
Operating Temperature Range	32 °F - 158 °F (0 °C - 70 °C)
Storage Temperature Range	-40°F - 185°F (-40°C - 85°C)
Voltage Rating	125 VAC RMS

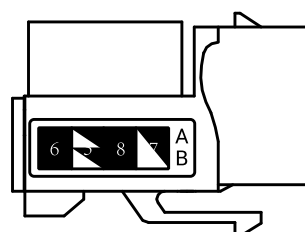
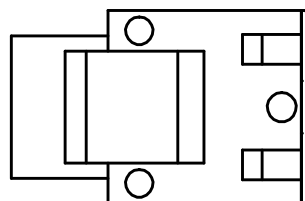
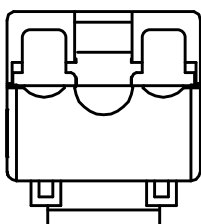
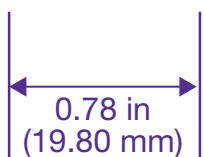
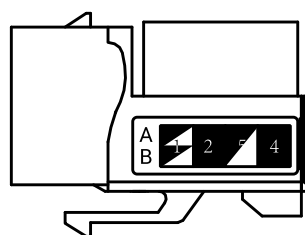
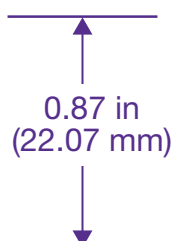
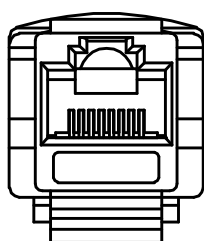
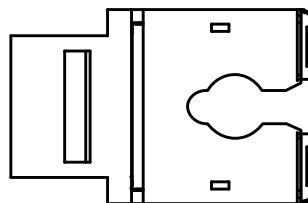
Technical Specification

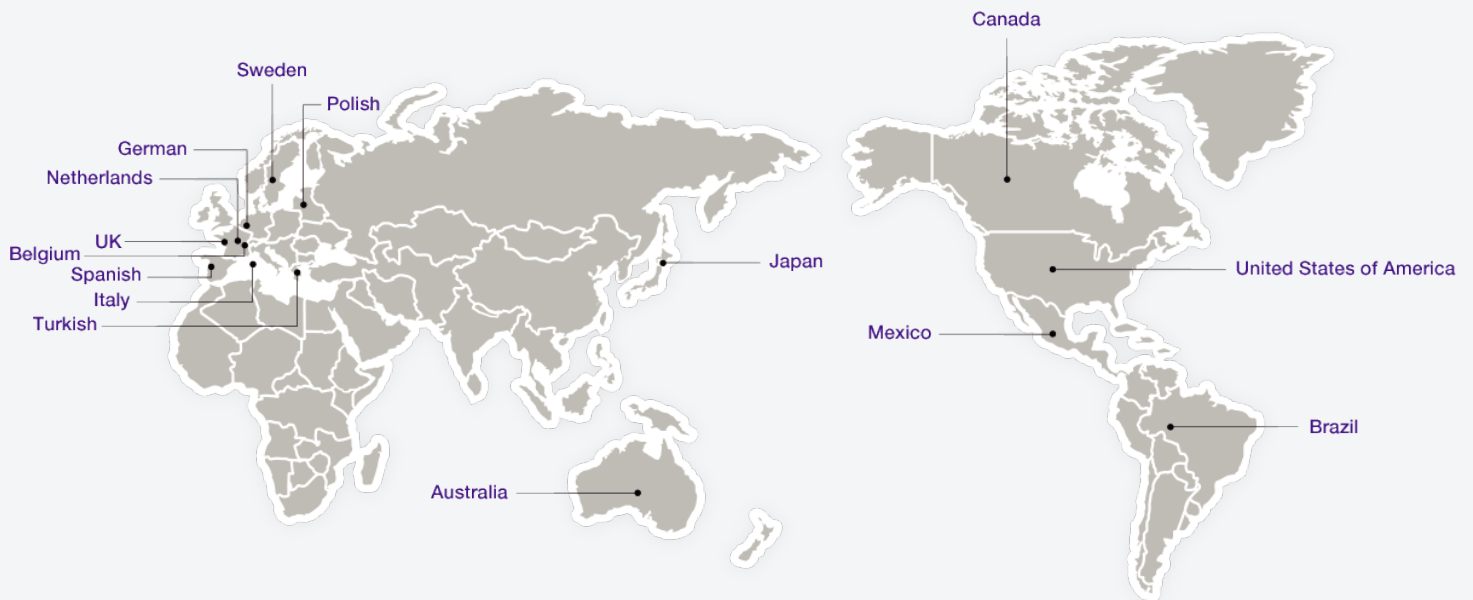
Parameter	Value
Current Rating	1.5 AMP
Contact Resistance	100 mΩ MAX.
Insulation Resistance	1,000 MΩ MIN. @ 500 VDC
Dielectric Strength	750 VAC RMS 60Hz, 1 minute
Implementation Standards	ANSI/TIA/EIA-568B.2.1
Environmental Requirements	Avoid strong electromagnetic interference (EMI) and static to ensure stable signal transmission. Suitable for homes, offices, and data centers with structured wiring needs, with a 90-degree design ideal for tight spaces.
Maintenance and Cleaning	Check Regularly: Inspect sockets, connectors, and cables for damage. Keep Dry: Avoid moisture to prevent damage or shorts. Clean Gently: Use a lint-free cloth; avoid harsh cleaners.

Technical Specification

Unit

in/mm



 <https://www.vcelink.com>

Company Profile

HANGZHOU HONGJIE ELECTRONICS CO., LTD, established in 2006, is headquartered in Hangzhou, China. Under its brand "VCELINK," the company specializes in the production and sale of high-quality network accessories, network cables, optical cables, patch cords, audio-video accessories, as well as various types of tools. These products are primarily used in the fields of structured cabling, computers, and the electronics industry. VCELINK offers personalized customization services to its customers, and in addition to online direct purchases, users can also choose bulk procurement or customized services, all aimed at meeting the unique needs of various customers.

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