

Cat6 Unshielded Punch-down Keystone Jack

C263-C6



Overview

The Cat6 Unshielded Punch-down Keystone Jack ensures a stable, high-speed connection for Cat6 and lower-category cables. Its durable PC housing ensures longevity and reliability, while phosphor bronze gold-plated contacts provide excellent conductivity and corrosion resistance. Additionally, the FR-4 PCB enhances signal stability and overall performance. Featuring a 90-degree punch-down termination with T568A/B wiring, it fits easily into keystone wall plates and patch panels. It supports up to 1000 Mbps data speed and 250 MHz bandwidth and is ideal for residential and commercial networks.

Benefits

90-degree punch-down configuration

Conforms to ANSI/TIA/EIA-568B.2.1 standards

Utilizes gold-plated RJ45 contacts for stable and corrosion-resistant connections

Supports T568A and T568B wiring schemes

IDC cap safeguards the wires and connections

Compatible with keystone wall plates and patch panels

Works with Cat6/Cat5e/Cat5 unshielded cables



Technical Specification

Parameter	Value
Product Type	Cat6 Keystone Jack
Color	White + Grey
Components	Cat6 Keystone Jack, IDC Retaining Cap
Housing Material	PC
Insert Material	PC
PCB Material	FR-4
RJ45 Contact Material	Phosphor Bronze, Gold Plated
IDC Contact Material	Phosphor Bronze
Size	1.20 in x 0.76 in x 0.83 in (30.53 mm x 19.31 mm x 21.05 mm) (L x W x H)
Net Weight	0.02 lb (7.80 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 and Patch Panels
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
Current Rating	1.5 AMP
Contact Resistance	100 mΩ MAX.

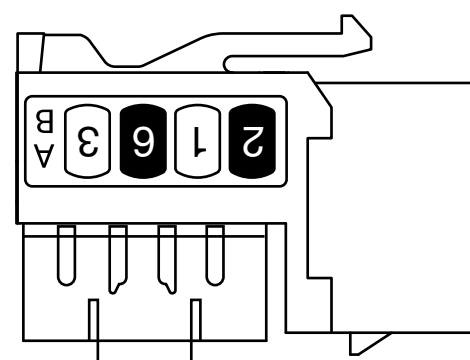
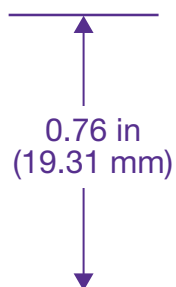
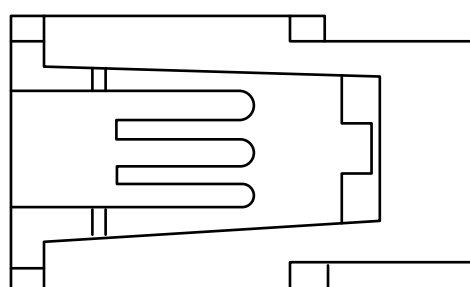
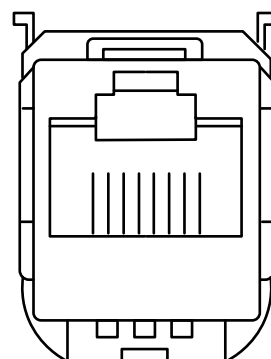
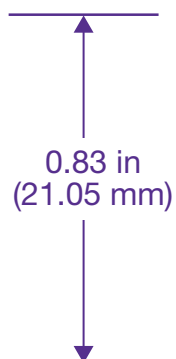
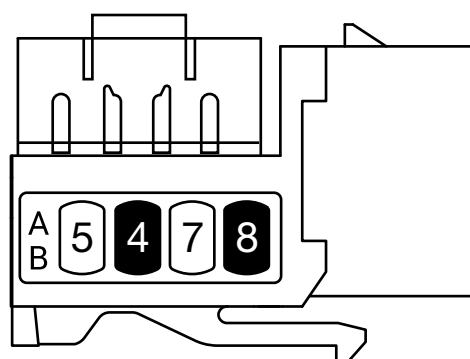
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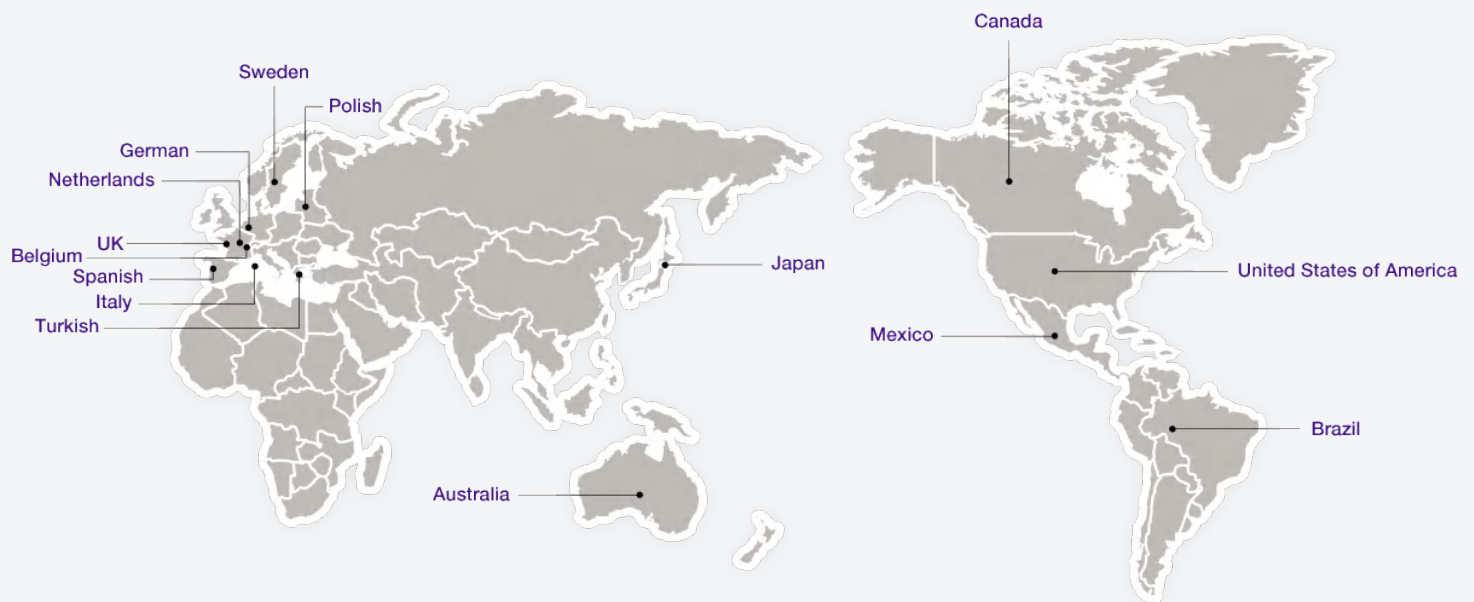
Parameter	Value
Insulation Resistance	1,000 MΩ MIN. @ 500 VDC
Dielectric Strength	750 VAC RMS 60Hz, 1 Minute
Implementation Standards	ANSI/TIA/EIA-568B.2.1
Environmental Requirements	Avoid strong electromagnetic interference (EMI) and static to ensure stable signal transmission. Suitable for homes, offices, and data centers with structured wiring needs.
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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