

Toolless Cat6a Twist Keystone Jack, Unshielded

C262OG-6A



Overview

The Cat6a Unshielded Toolless 180-Degree Keystone Jack is designed to provide a reliable and high-performance wired connection for Cat6a and lower-category cables. This toolless keystone jack features an innovative rotatable wire cap, allowing for quick and effortless installation without the need for specialized punch-down tools. Built with durable PC housing and gold-plated contacts, it ensures stable signal transmission and long-lasting performance. Compatible with keystone wall plates, patch panels, and more, it's a versatile solution for both home and commercial networks.

Benefits

Features a **rotatable wire cap** that secures the wires with a simple lever twist—no punch-down tools needed

ANSI/TIA/EIA-568B.2.10 standards compliant

Supports data speeds of up to 10 Gbps and bandwidths of up to 500 MHz

Gold-plated RJ45 contacts for stable and corrosion-resistant connections

Supports both T568A and T568B wiring standards

Compatible with keystone wall plates and patch panels



Technical Specification

Parameter	Value
Product Type	Cat6a Keystone Jack
Color	White + Orange
Components	Cat6a Keystone Jack, Twist-Lock Wire Cap
Housing Material	New PC
RJ45 Contact Material	Phosphor Bronze, Gold Plated
IDC Contact Material	Phosphor Bronze, Tin Plated
Size	0.99 in × 0.65 in × 1.27 in (25.20 mm × 16.40 mm × 32.26 mm)
Net Weight	0.02 lb (7.20 g)
Functions	The Cat6a Keystone Jack provides stable wired connections for Cat6a and lower-spec cables. Its twist-lock wire cap allows for easy punch down and secure locking, ensuring a reliable connection with the cable.
Applicable Wire Gauge	22-24 AWG Solid and Stranded Wires
Applicable Equipment	Keystone Wall Plates and Patch Panels
Compatibility	Cat5/Cat5e/Cat6/Cat6a Cables
Data Rate Support	10 Gbps
Bandwidth	500 Mhz
Shielding Type	Unshielded
Wiring Type	T568A/B
Termination Type	Toolless Termination with a Twist-Lock Crimping Mechanism
Style	180-degree; Toolless; Unshielded
PoE Capacity	PoE Compatible
Operating Temperature Range	14°F - 140°F (-10°C - 60°C)
Storage Temperature Range	-40°F - 158°F (-40°C - 70°C)
Contact Resistance	20 mΩ
Insulation Resistance	≤500 MΩ @ 100V DC
Withstand Voltage	DC 1000V AC700V RMS 60Hz, 1 Minute
RJ45 Contact Life	≥750 Times
IDC Terminal Life	≥250 Times
Implementation Standards	ANSI/TIA/EIA-568B.2.10

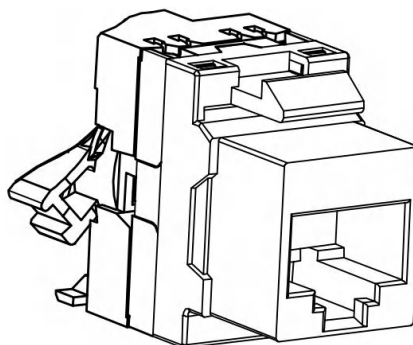
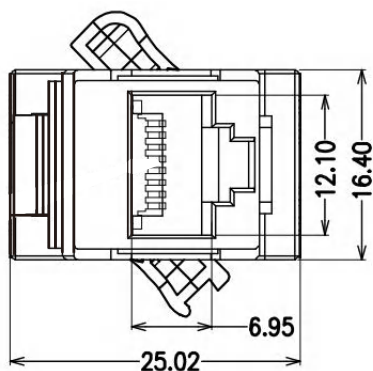
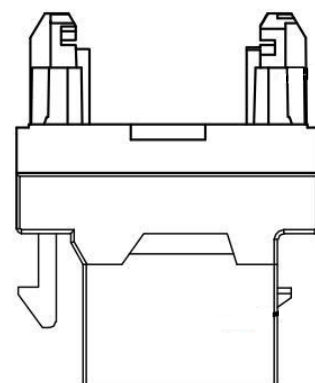
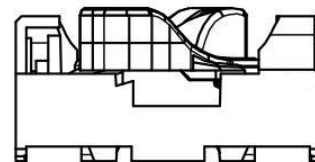
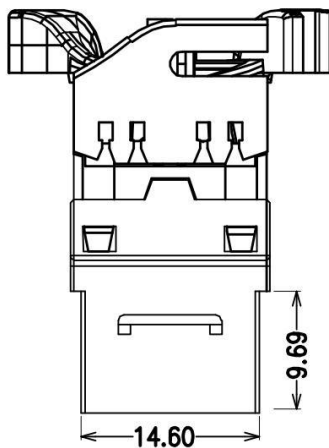
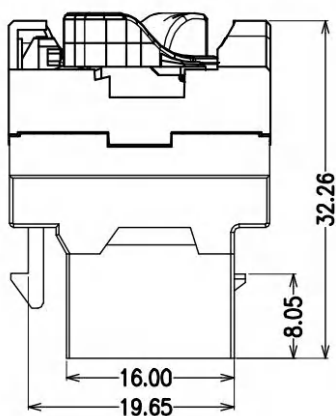
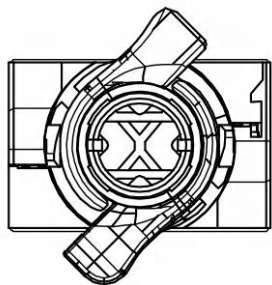
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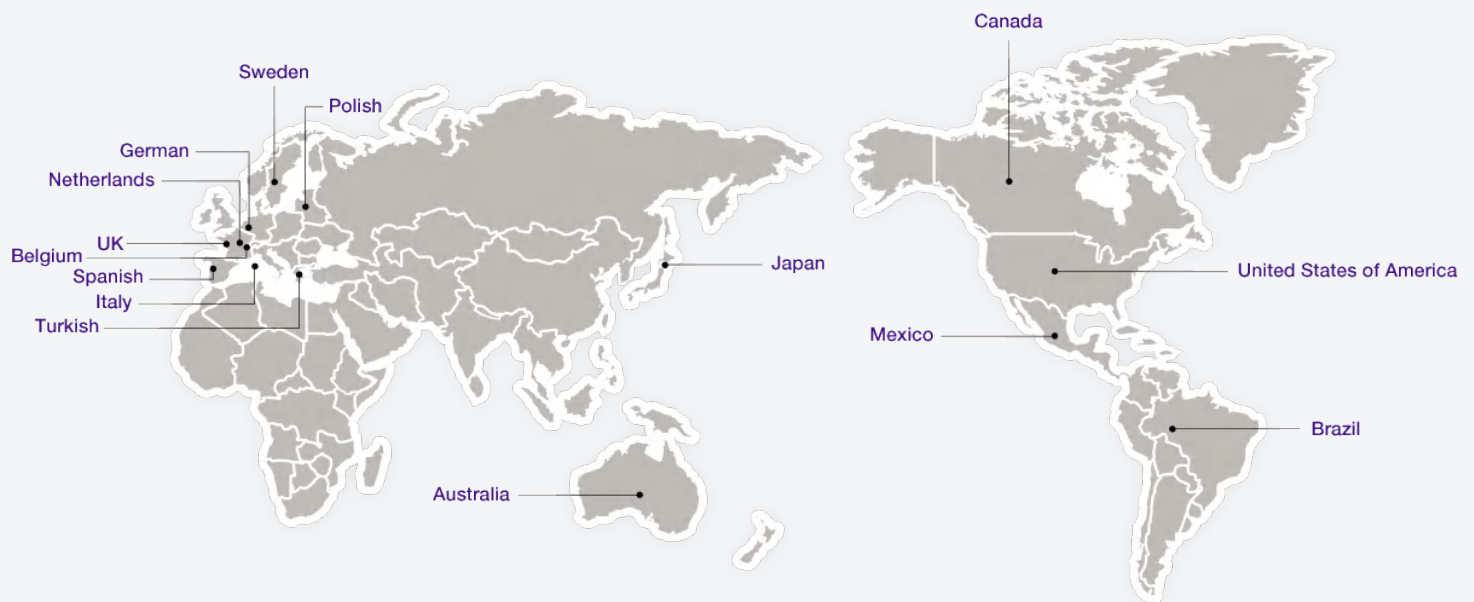
Parameter	Value
Environmental Requirements	Avoid strong electromagnetic interference (EMI) and static to ensure stable signal transmission. Suitable for homes, offices, and data centers with structured wiring needs.
Maintenance and Cleaning	Regular Inspection: Check for dust, oxidation, or loose connections to ensure stability. Keep Dry: Avoid moisture to prevent damage or short circuits. Gentle Cleaning: Wipe with a lint-free cloth; avoid corrosive 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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