

CAT6 UTP Keystone Jack

C258-C6



Overview

The Cat6 Unshielded Network Module ensures reliable cabling with 180° reverse interfaces, providing flexible installation options. Compatible with a patch panel, it delivers speeds up to 1000 Mbps and 250 MHz bandwidth for high-speed stability. It supports AWG 23-24 cable gauges and PoE applications, making it an ideal choice for both home and office networks.

Benefits

Gold-plated contacts for corrosion resistance

Compliant with ANSI/TIA/EIA-568 B.2-1

Cable compatible with wire gauges AWG 23-24

Supports data transfer speeds up to 1,000 Mbps, with bandwidths up to 250 MHz

Suitable for use in keystone patch panels and racks

Supports T568A and T568B cabling standards

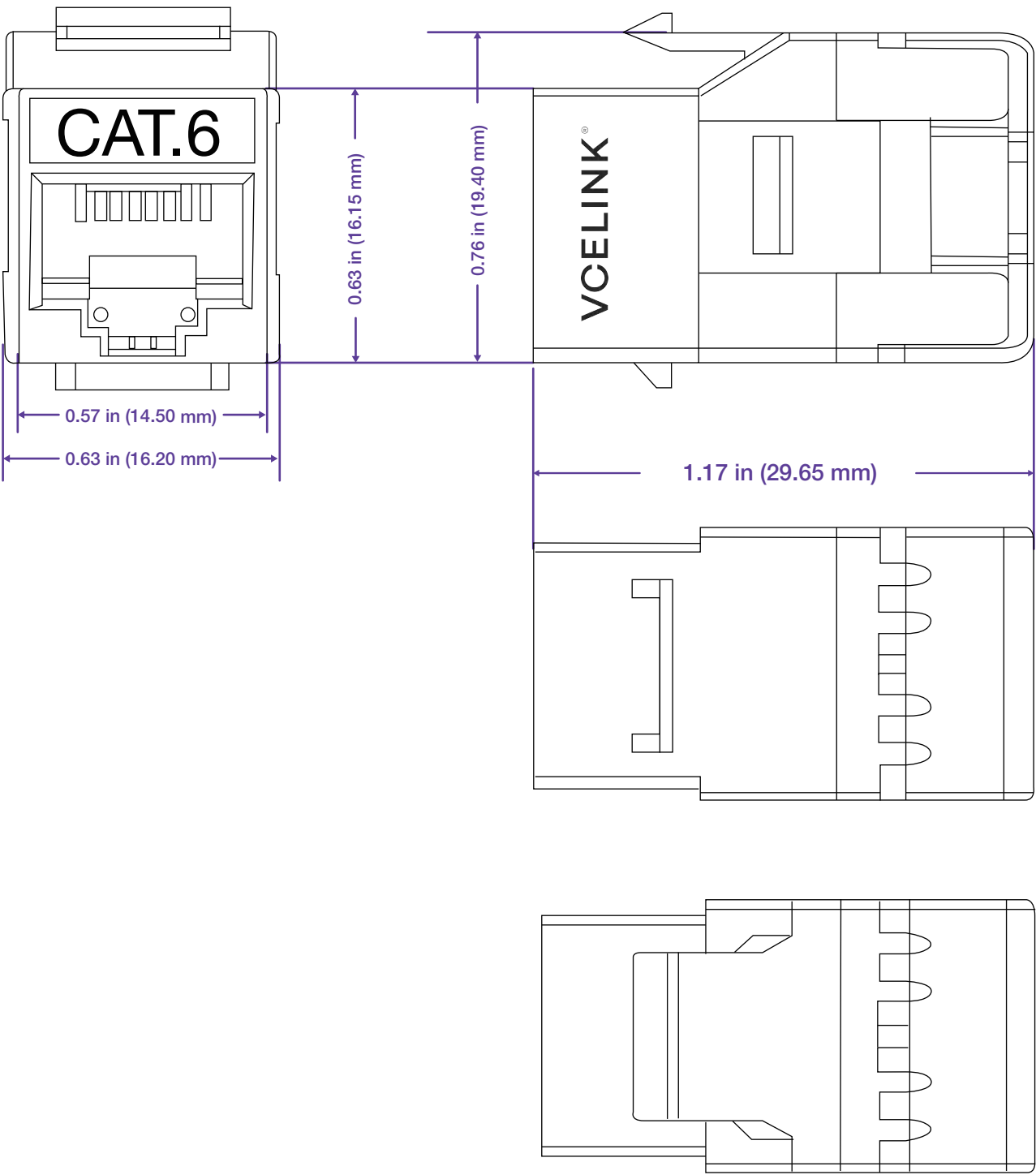


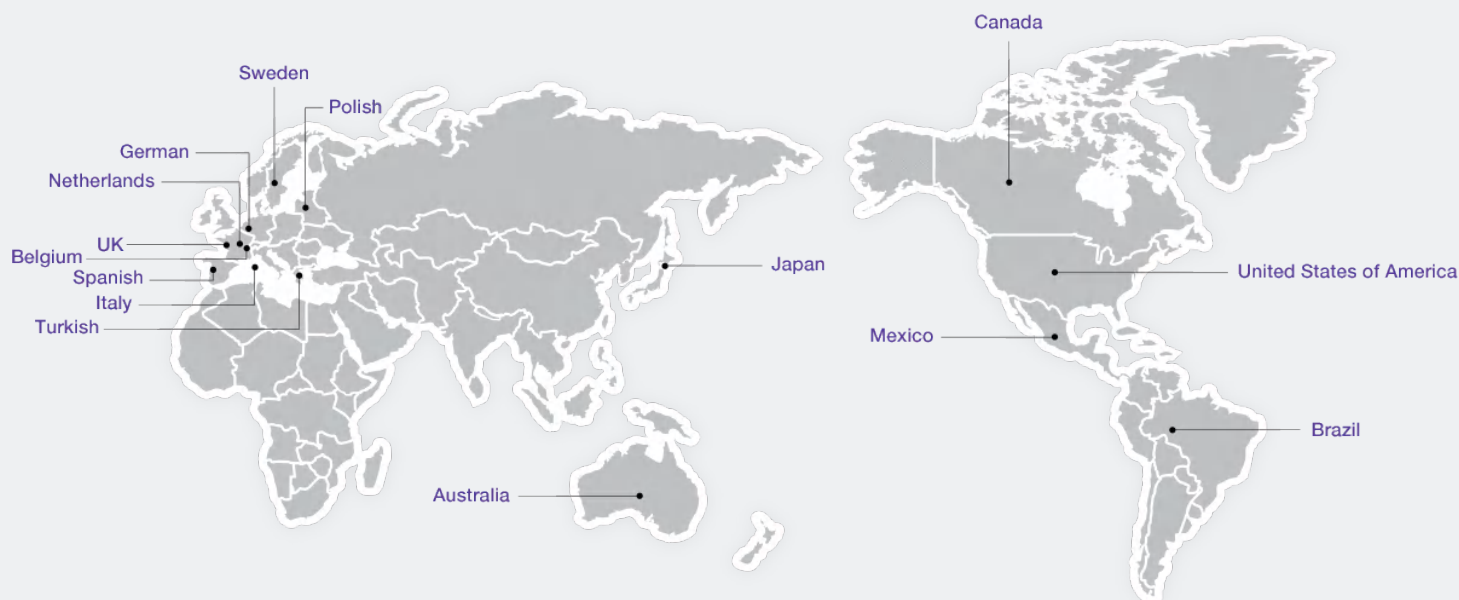
Technical Specification

Parameter	Value
Product Type	CAT6 UTP Keystone Jack
Color	White
Components	1 * Keystone Jack 1 * Dust-proof Cover
Housing Material	PC
Insert Material	PBT
PCB Material	FR-4, Thickness: 6 mm
IDC Contact Material	Phosphor Bronze, T=0.50 mm with Nickel Plating
RJ45 Contact Material	Phosphor Bronze, T=0.30 mm with Gold Plating
Size	0.76 in x 0.63 in x 1.17 in (19.40mm x 16.20 mm x 29.65 mm)
Net Weight	7 g (0.02 lb)
Functions	Used to extend or connect RJ45 cables
Cable OD	AWG 23-24
Applicable Equipment	Patch panels, Wall plates
PoE Capability	Supports IEEE 802.3af Standard
Plug Compatibility	Conforming to FCC PART 68
Maximum Data Rate Support	1000 Mbps
Bandwidth	250 MHz
Voltage Rating	125 VAC
Current Rating	1.5 A
Contact Resistance	$\leq 100 \text{ m}\Omega$
Insulation Resistance	$\geq 1000 \text{ M}\Omega @500 \text{ VDC}$
Dielectric Strength	750 VAC RMS 60Hz, 1 Min
Permanent Link	Conforming to ANSI/TIA/EIA-568 B.2-1
Shielding Type	180 Degree, Unshielded
Storage Temperature Range	-40°C- 85°C (-40°F-185°F)
Operating Temperature Range	0°C-70°C (32°F-158°F)
Safety Warning	Disconnect all connected equipment before installation

Technical Specification

Unit	in/mm
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CompanyProfile

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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