Waterproof CAT6 Coupler

M232

Overview

The waterproof CAT6 coupler is designed to connect and extend RJ45 Ethernet cables in demanding environments. With an IP68 rating, it offers exceptional dust and water resistance, ensuring reliable performance in harsh outdoor conditions. This coupler supports PoE applications and delivers high-speed network transmission with up to 250 MHz bandwidth and 1000 Mbps. The waterproof Cat6 coupler is durable and practical, making it ideal for expanding outdoor network systems.

CE IP68 RoHS

Benefits

IP68-rated for water and dust resistance

Support high-speed network up to 1000 Mbps

Compatible with Cat6, Cat5E and Cat5 cables

Gold-plated contacts for corrosion-resistant

Support PoE Applications

Technical Specification

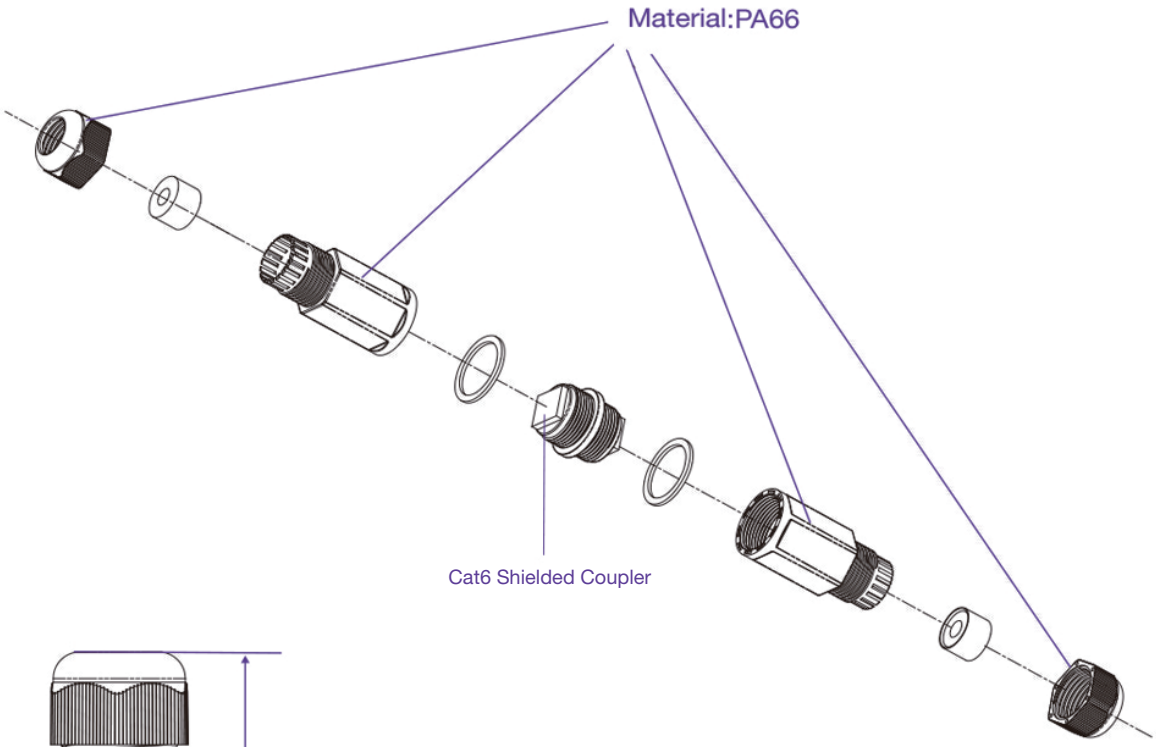
Parameter	Value
Product Type	Waterproof RJ45 Coupler
Color	Black + Blue
Components	Waterproof Nuts, Sealing Rubber Ring, Waterproof Shell, Shielded RJ45 Coupler, Waterproof Gasket
Jack Housing Material	ABS
Plastic Material	ABS with a PA66 Coating
Shielded Material	BRASS
Contact Blade Material	Phosphor Bronze with Nickel Plated
Contact Area Material	Gold Plated
Size	1.18 in x 1.18 in x 5.30 in (30.00 mm x 30.00 mm x 134.50 mm)
Net Weight	2.03 lb (57.5 g)
Diameter	1.18 in (30 mm)
Functions	Extend RJ45 network cable, dustproof and waterproof, suitable for outdoor use
AWG Compatibility	22-26 AWG
Applicable Equipment	PC, Outdoor Monitoring, Router, Computer Server, Switch, PoE Equipment, Game Machine, Cat6a/Cat6/Cat5e/Cat5 Connector
Compatibility	Compatible with RJ45 Cat6a/Cat6/Cat5e/Cat5 cables
Data Rate Support	1000 Mbps
Bandwidth	250 MHz
Shielding Type	BRASS Shielding
Insertion/Withdrawal Cycles	750 Cycles
Wiring Type	T568A/T568B
Termination Type	Female to Female
Style	Waterproof Coupler; Shielded
Insertion Frequency	20 Cycles/Minute MAX.
Insertion Force	900 Grams for 8 Contacts

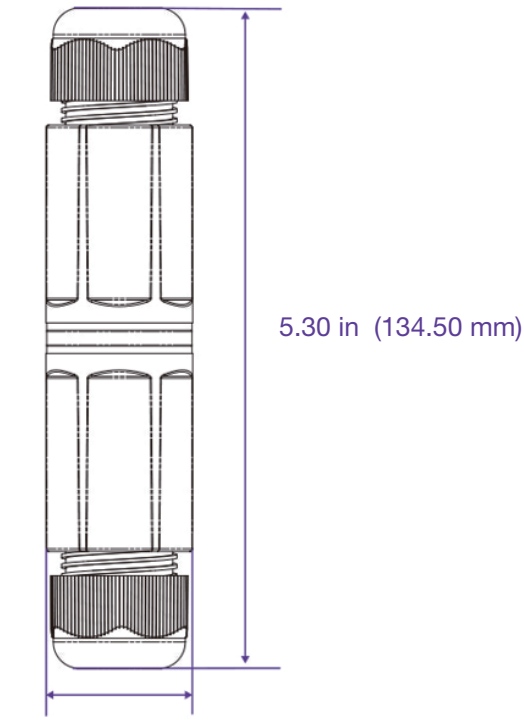
Technical Specification

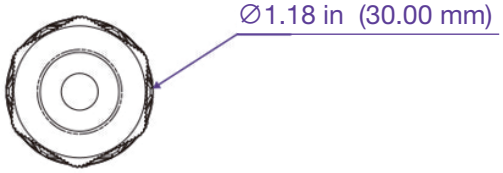
Parameter	Value
Retention Strength	7.7 kg Between Jack and Plug
Operating Temperature Range	-4°F - 154.4°F (-20°C - 68°C)
Waterproof Rating	IP68
Implementation Standards	ANSI/TIA/EIA 568 C Standard
Environmental Requirements	Ensure that water depth and pressure are within limits when submerged in water
Maintenance and Cleaning	Regularly check the waterproof housing and gaskets for damage and replace them promptly. Wipe off any surface mud or water damage.
Safety Warning	Keep the product out of the reach of children and ensure children are kept away during installation.

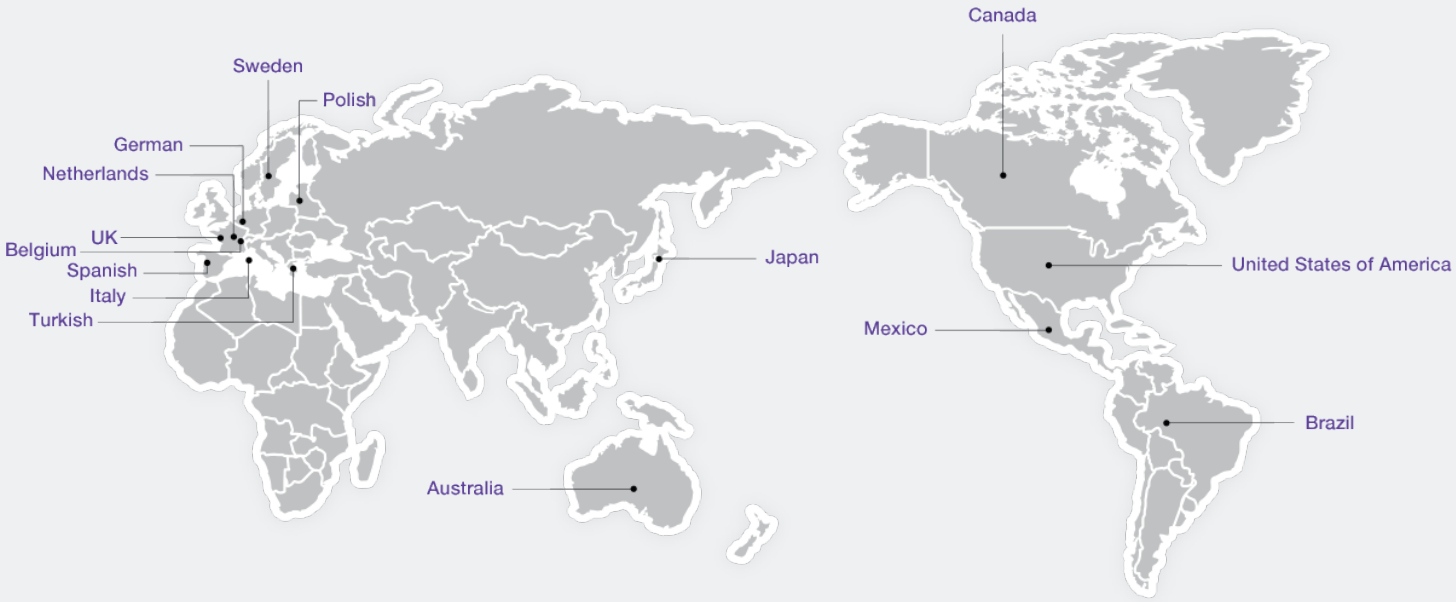
Technical Specification

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.

Copyright © VCELINK.COM All Rights Reserved.