RJ45 Switch (Bi-Direction)

M241

Overview

VCELINK's versatile "2-in-1-out" or "1-in-2-out" network switches allow you to connect two different networks to a single device in a "2-in-1-out" configuration and realize network switching or to switch the connected networks between two devices in a "1-in-2-out" configuration. You can ensure a secure and stable network connection with reliable physical isolation and switching. The switches are designed to be easy to use, compact in size, and have stable signal transmission without a power supply. Compatible with a wide range of RJ45, RJ11, and RJ12 connectors and devices with such ports. This network switcher supports CAT5E/CAT5 performance and realizes transmission speeds of up to 1000Mbps. Satisfy your need to manage multiple networks or control the devices that access them.

Benefits

1000 Mbps data transmission

PoE is enabled

Shielded design for interference resistance

Compact and portable

Durable ABS housing

Play-and-plug design

Personal privacy protection

Technical Specification

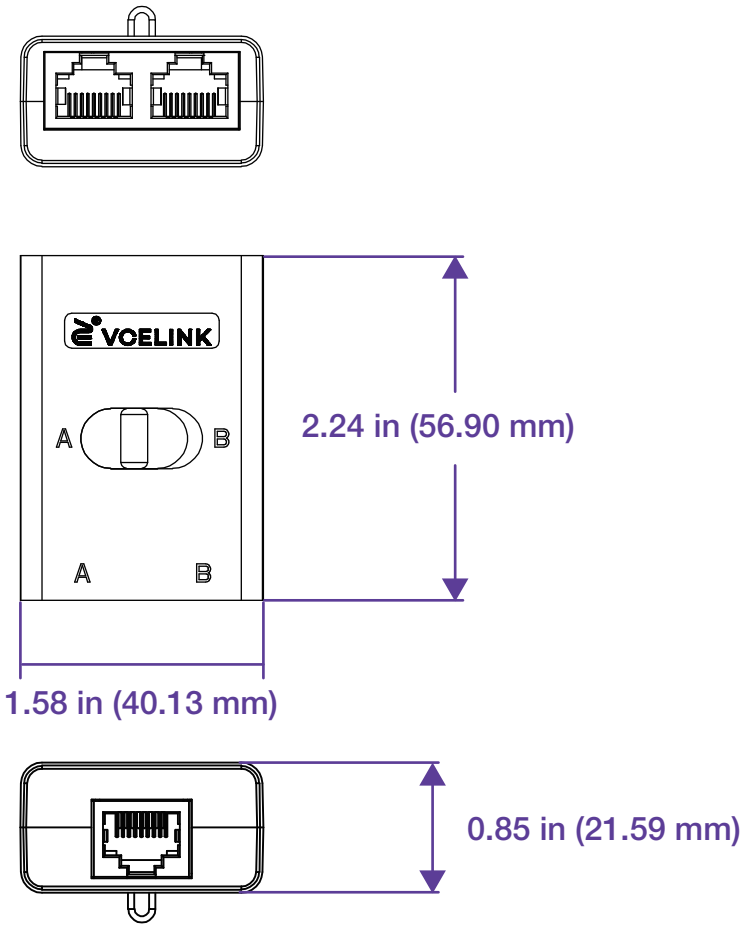
Parameter	Value
Product Type	RJ45 Switch
Color	Black
Plastic Shell Material	ABS
Housing Material	PBT UL94V-0
Metal Shell Material	BRASS, Nickel Plated
Printed Circuit Board Material	FR-4
PCB Thickness	0.06 in (1.60 mm)
Switch Material	ABS
Contact Material	Phosphor Bronze Round PIN
Contact Area Material	Gold Plated, 3U
Net Weight	0.07 lb (33.10 g)
Size	2.24 in x 1.58 in x 0.85 in (56.90mm x 40.13 mm x 21.59 mm)
Functions	Two networks connect to one computer to achieve network switching (cannot use two networks at the same time); one network connects to two computers to switch the devices using the network (cannot be connected to the same Internet at the same time)
Applicable Equipment	Supports RJ45 network cables (CAT5, CAT5E, CAT6, CAT6A, CAT7, and CAT8) and achieve the performance of CAT5/CAT5E (up to 1000 Mbps). Compatible with ADSL, hubs, switches, TVs, set-top boxes, routers, computers, wireless routers and other devices with standard RJ45 plugs
Compatibility	Compatible with various devices with RJ45 ports (Only supports CAT5/CAT5E performance)
PoE Capability	Enabled
Port	3
Data Rate Support	1000 Mbps
Bandwidth	100 MHz
Shielding Type	BRASS, Nickel Plated
Voltage Rating	125 VAC RMS.

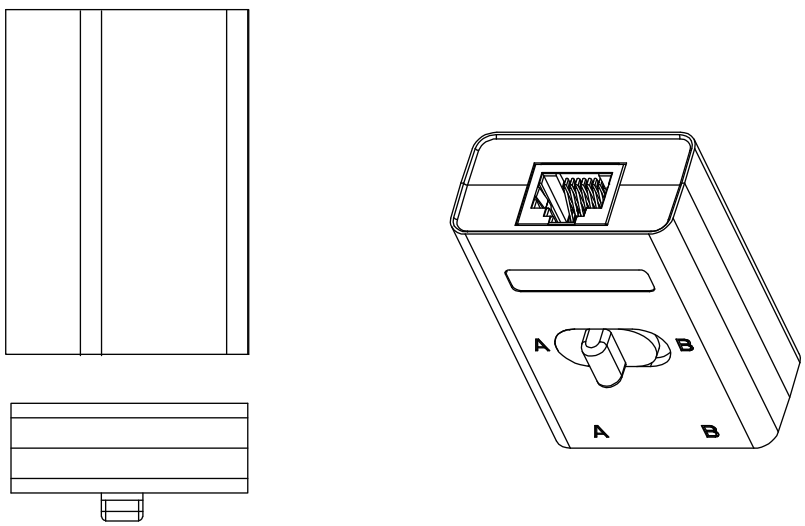
Technical Specification

Parameter	Value
Current Rating	1.5 AMP.
Contact Resistance	100 MILLIOHMS MAX.
Insulation Resistance	1000 MEGOHMS MIN @ 500 VDC
Dielectric Strength	750 VAC RMS 60Hz, 1MIN.
C6 Permanent Link	Conform to ANSI/TIA/EIA-568 B.C
Modular Plug Standard	Conform to FCC PART 68, SUBPART F.
Connector Type	RJ45, RJ11/RJ12 (No longer supports RJ45)
Style	"2-in-1-out" or "1-in-2-out"
Storage Temperature Range	-40 ℉ to 176 ℉ (-40℃ to 80℃)
Operating Temperature Range	32℉ to 158℉（0℃ to 70℃）
Implementation Standards	ANSI/TIA/EIA-568 B.C.
Environmental Requirements	Do not place in a humid or hot area to avoid affecting performance. Do not use in an unsafe environment to avoid accidental squeezing and collision.
Maintenance and Cleaning	After connecting according to the required mode, you can fix it to reduce connection problems caused by shaking.
Caution	It doesn't support two devices simultaneously. It supports using RJ11 and RJ12 connectors, but the use process is irreversible, meaning RJ45 connectors are no longer supported. After switching, there is a delay of about 6 seconds to achieve the network or device switch.

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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