1-Port Gigabit Network Isolator, Compact In-line RJ45 Ethernet Coupler with 4kV Galvanic Isolation, IP40, DIN Rail Mountable, TAA Compliant

ID prodotto: 1G-NETWORK-ISOLATOR



This TAA-Compliant 1G Network Isolator with 4kV isolation is bus-powered and provides a separation of all conductive connections between devices connected via an Ethernet cable. The isolator helps prevent ground loops in audio and video equipment.

This isolator features simple plug-and-play setup with no software, drivers, power supply, or grounding wire required. The isolator acts as a coupler, with two RJ45 ports for two Cat5 or Cat6 cables to connect compatible equipment to a computer or data network. It is compact, universally compatible and OS independent.

This isolator provides full transparency on the network it is part of. With no IP, it does not route or alter traffic or affect equipment or network performance. Safeguard equipment and operators by blocking stray electrical currents, surges, and ground faults in your network. This device is ETL Safety Listed (IEC 62368-1) and CE: EN55032/EN55035 Certified.

The compact and durable IP40 rated plastic housing supports multiple installation methods, including DIN rail mounting (kit included) or adhesive mounting for versatile placement on various surfaces. Designed for IT professionals to protect network infrastructure in labs and manufacturing facilities. This device is ideal for ensuring safe operation and reducing risks during network maintenance or upgrades.

## Certificazioni, report e compatibilità

## Applicazioni

• Protect network devices from harmful power surges with this Network Isolator

## Caratteristiche

• TAA-COMPLIANT 1G NETWORK ISOLATOR: Protects connected devices by providing 4kV galvanic isolation between Ethernet connections, separating all conductive paths; Essential for preventing ground loops in audio, video, and data networking setups

• READY TO USE: Plug-and-play setup with no software/drivers/power supply/grounding wire required; Acts as a coupler, connecting two CAT5e/6 RJ45 cables to link compatible equipment to a computer/data network; Compact and OS-independent for broad deployment

• SAFE, RELIABLE & EFFICIENT: Gigabit network isolator safeguards equipment and operators by blocking stray electrical currents, surges, and ground faults in your network; ETL Safety Listed (IEC 62368-1); CE: EN55032/EN55035 Certified

• VERSATILE MOUNTING OPTIONS: Compact and durable IP40 rated plastic housing supports multiple installation methods, including DIN rail mounting (kit included) or adhesive mounting for versatile placement on various surfaces

• APPLICATIONS: Designed for IT professionals to protect network infrastructure in labs and manufacturing facilities; Reduces the risk of electric shock to users; Protects devices by preventing noise/interference and small surges

| Hardware | | |
|---|---|---|
| | Norme di garanzia | 2 Years |
| | Porte | 2 |
| | Interfaccia | RJ45 (Ethernet Gigabit) |
| | Pass-through USB | No |
| Prestazioni | | |
| | Reti compatibili | 10/100/1000 Mbps |
| Connettore/i | | |
| | Connettore A | 1 - RJ-45 |

| Software | | |
|---|---|---|
| | Compatibilità con sistemi operativi | No Drivers of Software Required |

| Note/requisiti speciali | | |
|---|---|---|
| | Requisiti di sistema e cavi | IEEE 802.3 or IEEE 802.3ab compliant network equipment |
| | Nota | This product does not passthrough Power Over Ethernet (802.3af/802.3at/802.3bt) |

| Alimentazione | | |
|---|---|---|
| | Fonte di Alimentazione | Alimentazione tramite bus |

| Ambientale | | |
|---|---|---|
| | Temperatura d'esercizio | -10°C to 70°C (14°F to 158°F) |
| | Temperatura di conservazione | -40°C to 85°C (-40°F to 185°F) |
| | Umidità | 10% to 90% RH (no condensation) |

| Caratteristiche fisiche | | |
|---|---|---|
| | Colore | Nero |
| | Lunghezza prodotto | 1.3 in [3.3 cm] |
| | Larghezza prodotto | 2.6 in [6.7 cm] |
| | Altezza prodotto | 0.9 in [2.4 cm] |
| | Peso prodotto | 1.1 oz [31.0 g] |

| Informazioni confezione | | |
|---|---|---|
| | Quantità confezione | 1 |
| | Package Length | 7.9 in [20.0 cm] |
| | Package Width | 4.3 in [11.0 cm] |
| | Package Height | 1.1 in [2.9 cm] |

| | | |
|---|---|---|
| Peso spedizione (confezione) | | 1.4 oz [40.0 g] |
| Contenuto della confezione | | |
| | Incluso nella confezione | 1 - Network Isolator |
| | | 1 - Kit per guide DIN |
| | | 1 - Fascetta adesiva |
| | | 1 - Guida rapida |

\* L'aspetto e le specifiche dell'articolo sono soggetti a modifiche senza preavviso.