

C-POEINJCT1GB30W

30W 10/100/1000M POE Injector with plastic shell (10/100/1000Base-T, 30W,1/2(+),3/6(-))

Features

- Up to 30W of power
- IEEE 802.3at compliant
- Supports 10/100/1000Base-T applications
- With higher power compatible with all IEEE pre 802.3at, 802.3af and legacy powered devices
- 120V AC Power Cable
- Safe and reliable power over ethernet
- Compact design



Product Description

This is a single port Power-over-Ethernet (POE) 10/100-1000Base-T Injector. This device helps eliminate the need for a POE enabled equipment switch, and add POE items such as wireless LAN, Bluetooth Access Points, and many IP function devices. The injector is typically installed near the Ethernet hub and connected to a remote POE device through a single Ethernet Cat 5e, Cat6, or Cat6a cable. The injector can support an advanced 802.3at or nonstandard (optional) compliant device which support the standard POE pin out. This AC/DC powered POE Injector is a power sourcing equipment (PSE), which combines data transferred over a fiber optic link with 48V power supply, providing power to IEEE802.3at powered device (PD) over CAT5e, Cat6, and Cat6a UTP cable (cable length up to 100 meters / 330 feet). It complies with the IEEE802.3at standard. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost-effective solution to your network upgrade needs. With our certification test program, we can guarantee your product will work right the first time.

Specifications

Parameter	Specifications
Compatibility	IEEE 802.3at and Legacy
Powered Devices Support	100/1000Base-T
Data Rates	10/100/1000 Mbps
Pin Assignment and Polarity	Data Pairs 1/2 (–) and 3/6 (+) Spare Pairs 7/8 (–) and 4/5 (+)
Output Power Voltage	54-57V DC
Distance	100 meters
User Port Power	30 Watts Max
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 1.2A @ 100-240 Vac AC Frequency: 50 to 60Hz
Dimensions	145 (L) x 60 (W) x 40 (H) mm
Weight	350g
Indicators	System Indicator: AC Power (Green) Channel Power: Green and Orange
Connectors	Shielded RJ-45
Power Safe	• Low power devices receive only the power they need • 2-Pair PDs receive Power on 2-pairs • Safe and Reliable Power Over Ethernet • Automatic Detection and Protection on Non-Standard Ethernet Terminals
Environmental Specifications	
Operation Ambient Temperature	14° to 131°F (-10° to 55°C) @30W
Storage Temperature	–4° to 158°F (–20° to 70°C)
Operation Humidity	Maximum 95%, Non-condensing
Operation Altitude	–1000 to 10,000 ft. (–304.8 to 3048m)
Standards and Warranty	
Reliability MTBF	100,000hrs @25
Warranty	3 years
Regulatory Compliance	IEEE 802.3af (PoE), Pre IEEE 802.3at (including 2-event), RoHS Compliant, WEEE Compliant, CE FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	EN 60950-1:2006

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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