OPL®

Original Products by Research...

PoE Injector

Model: PoE5590G-OD
Input: 100-240V AC 50/60 Hz
Output: 55V 90W
Interface: : 10/100/1000Mbps
Protection : 4KV Inline Surge Protection as per IEC 61000-4-4 (EFT)

Access Point

IP Phone

IP Camera

What is Does

A Gigabit PoE signal is created by the **OPL** PoE Injector, **Model PoE5590G-OD**, by fusing electrical power with a 1G network connection. Up to 100 metres distance, a PoE injector through ethernet cable (CAT6A) can power PD devices, such as a wireless AP, IP camera, IP phone, etc. With a maximum output power of 90W, PoE injectors are a smart option if you want to cut installation costs while enhancing network performance.

Features

- **Indicator device connected (━) or not connected (━).**
- Delivers power and data through one Ethernet cable for easy network extension.
- PoE Port Delivers power up to 100 meters.
- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Plug and Play, no configuration required.

SPECIFICATION

Model	PoE5590G-OD
Data Transfer Rate	• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) • Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) • Gigabit: 2000Mbps (full duplex)
Device Interface	• 1 x Gigabit Data in port • 1 x Gigabit Data & Power out port • LED indicators for power & port
Power over Ethernet Output	Pin Assignment and Polarity: Spare Pairs 4/5 (+) and 7/8 (-) (Mode B) Output Power Voltage: 55V DC 90W
Input Power Requirement	AC Input Voltage: 100~240V AC AC Frequency: 50/60Hz
Standards	IEEE 802.3, IEEE802.3u, IEEE 802.3ab
Connectors	2 x RJ45
Operating Temperature	-4°F (-20°C) to +104°F (+40°C)
Operating Humidity	10% to 90% (Non-condensing)
Storage Temperature	-4°F (-20°C) to +158°F (+70°C)
Storage Humidity	10% to 95% (Non-condensing)
Dimensions	297.18 x 243.84 x 101.6 mm (11.7 x 9.6 x 4 in.)
Weight	1450 g
Warranty	1 Year
Special Features	Wall Mountable
Certifications	EFT: INC 61000-4-4 4kV (EMC)