



Microsemi

PD-9501GO/FN/AC Outdoor PoE Injector



Specifications

No. of Ports	1
Pass Through Data Rates	10/100/1000mbps
PoE Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-), 1/2(-), 3/6(+) Output Power Voltage: 55 VDC User Port Power: 60W guaranteed
Input Power Requirements	AC Input Voltage: 100 to 240Vac AC Input Current: 2A @ 100-240Vac AC Frequency: 50 to 60 Hz
Dimensions	214 mm x 150 mm x 70 mm 8.42 in. x 5.90 in. x 2.75 in
Weight	. 1.65 lbs (750g)
Indicator	No LED indicators
Connectors	Shielded rugged RJ-45 (with gasket)
Environmental	Operating Ambient Temperature: -40° to 122°F (-40 to 50°C) for 60W -40° to 131°F (-40 to 55°C) for 30W Operating Humidity: Maximum 95%, Non-condensing Storage Temperature: -40° to 185°F (-40° to 85°C) Storage Humidity: Maximum 95%, Non-condensing
Reliability	MTBF: 189,000 hours @ 25°C
Warranty	1-year
Regulatory	IEEE 802.3af, IEEE 802.3at , RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN50522 Class B EN55024, VCCI EN61000-4-5 Class 5 (6kV CM)
Safety Approvals	UL60950-1 & UL60950-22 GS Mark
Surge Protection	Meets Surge Protection as specified in GR-1089-CORE Issue 4 ITU-T K.20 6 kV on AC lines
Thermal Rating	45 BTU/Hr (@240VAC)
Weather Rating	IP66, NEMA 4X

Overview

Microsemi's PD-9501GO Power over Ethernet (PoE) single-port injector offers a cost effective solution for outdoor installations, guaranteeing 60 Watts of power and ensuring safe and reliable operation in outdoor environment of any PoE data terminal. It allows wireless LAN access points, security network cameras and other IP terminals to receive power, along with data, over standard Ethernet cables, leaving network infrastructure completely unaltered. The PD-9501GO also offers surge protection for both the AC and the PoE ports ensuring the indoor equipment is protected from outdoor surges.

PWR-INJ60GO Features

- Outdoor rated: IP66
- Extended temperature range
- Power provided using all 4 pairs
- Supports 10/100/1000Mbps data rates
- Plug & Play installation(installer does not have to open unit)
- Includes integral surge protection



PD-9501GO/FN/AC

Outdoor PoE Injector

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Ordering Information

Part Number	Description
PD-9501GO/FN/AC-IN	60W Outdoor PoE Injector, AC
PD-OUT/MBK	Mounting brackets for outdoor unit

PD-9501GO with Mounting brackets :

