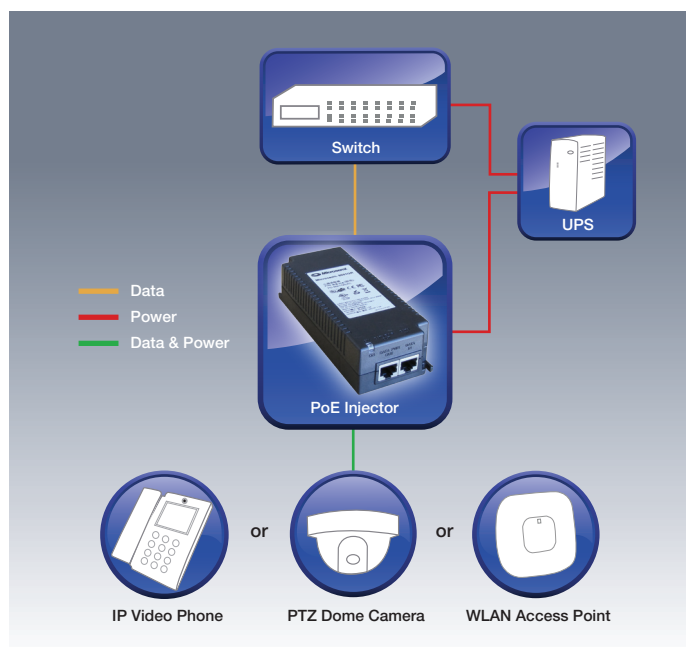


PD-ACDC60G

Single-port, 60W, 4-pairs Gigabit Injector for OEM Private Label



Overview

Microsemi's PD-ACDC60G single port power injector offers a compact and cost-effective power solution for high power WLAN access points, network cameras and other IP terminal installations.

The ACDC60G converts AC power to 55VDC; the DC power is then provided over the Ethernet cable. The PD-ACDC60G supports up to 10/100/1000Mbps pass through data rates and includes hardware protection such as Overload protection and Short-Circuit protection.

The single port injector can be powered via universal AC input and can provide up to 60W on 4 pairs.

PD-ACDC60G Features

- Output power of 60W over 4-pairs is guaranteed
- Supports 10/100/1000Base-T applications
- Plug-and-play installation
- Compact design fits easily in WLAN access point and IP camera installations
- Not 802.3af/at compliant
- For OEM private label sales only

PD-ACDC60G Specifications

No. of Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Data Pairs 1/2 (-) and 3/6 (+) Spare Pairs 7/8 (-) and 4/5 (+) Output Power Voltage: 55 VDC User Port Power: 60W over 4-pairs (Guaranteed)
Input Power Requirements	AC Input Voltage: 100 to 240 VAC AC Input Current: 1.5A @100-240 VAC AC Frequency: 50 to 60 Hz
Dimensions	62 mm (W) x 38 mm (H) x 151 mm (L) 2.44 in. x 1.5 in. x 5.94 in
Weight	Bare unit: .71 lbs (320g)
Indicators	AC Power: Yellow Channel Power Indicator: Green
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 14° to 104°F (-10°C to 40°C) @60W 14° to 131°F (-10°C to 55°C) @30W Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) Storage Humidity: Maximum 95%, Non-condensing
Reliability	MTBF: 240,000 hrs. @25°C
Thermal Rating	30 BTU/Hr (@100Vac)
Warranty	1-year
Regulatory	RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1

Ordering Information

Part Number	Name	Description
PD-ACDC60G	Microsemi PD-ACDC60G	1-port, 4-Pairs, Gigabit Injector



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