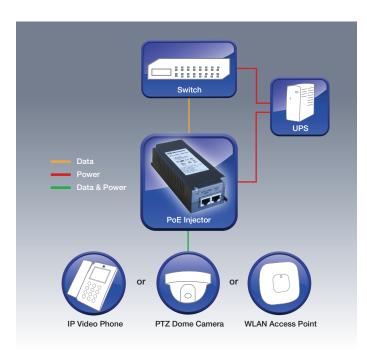
PD-ACDC60G



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



Microsemi Corporate Headquarters One Enterprise, Aliso Viejo, CA 92656 USA Within the USA: +1 (800) 713-4113 Outside the USA: +1 (949) 380-6100 Sales: +1 (949) 380-6136 Fax: +1 (949) 215-4996 email: sales.support@microsemi.com www.microsemi.com Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor and system solutions for communications, defense & security, aerospace and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; security technologies and scalable anti-tamper products; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,400 employees globally. Learn more at www.microsemi.com.

©2014 Microsemi Corporation. All rights reserved. Microsemi and the Microsemi logo are trademarks of Microsemi Corporation. All other trademarks and service marks are the property of their respective owners.