

# PD-9501G-SFP

## PoE Media Convertor, 60W PoE Output

### Overview

The Microsemi PD-9501G-SFP is a Media converter with PoE functionality. It has total of 3 ports that can be active simultaneously. Data input can be via SFP module or via the RJ45 port, the output will be data and power up to 60W.

The media converter offers unique solution to power long range installations where the data input comes over fiber. Standard SFP modules can be used (SM or MM modules). The 9501G-SFP complies with IEEE802.3at and will provide PoE after detection, the PoE port will provide the power level needed by the end device offering safe solution for all types of applications starting with 802.3af loads and up to 802.3at 4-pairs loads.

### Key Features

- Media converter – SFP to PoE
- Can be used as PoE injector
- All 3 ports can be active simultaneously
- IEEE 802.3at compliant
- Guaranteed output power - 60W
- Supports 10/100/1000Base-T
- Safe: low power devices receive only the power they need



### Specifications

Feature	Description
No. of Ports	3 Port 1 : SFP - Data Uplink Port 2 : RJ45 - Data In Port 3 : RJ45 – PoE Out
Data Rates	SFP-100/1000 Mbps Copper-10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Data Pairs 1/2 (-), 3/6 (+) Spare Pairs 7/8 (-), 4/5 (+) Output Power Voltage: 54Vdc
User Port Power	60 Watts (Guaranteed)
Input Power Requirements	AC Input Voltage: 100 to 240Vac ± 10% AC Input Current: 1.4A @ 100Vac AC Frequency: 50 to 60Hz
Dimensions	80 mm (W) x 36 mm (H) x 160 mm (L)
Weight	0.88 lbs (400 g)
Indicators	System indicator: AC power (Green) Channel power indicator: <ul style="list-style-type: none"> <li>• Green – Power Deliver over 4 pairs</li> <li>• Yellow - Power Deliver over 2 pairs</li> </ul> 3 Port data indicators (Green)
Connectors	Shielded RJ-45, EIA 568A and 568B SFP cage
Environmental Conditions	Operating Ambient Temperature: 14° to 113°F (-10°C to 45°C) @60W 14° to 131°F (-10°C to 55°C) @30W Operating Humidity: Maximum 95%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) Storage Humidity: Maximum 95%, Non-condensing
Reliability	MTBF: 150,000 hrs. @ 25°C
Warranty	1-year
Regulatory Compliance	RoHS Compliant, WEEE Compliant, CE IEEE 802.3at (PoE)
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity) VCCI
Safety	UL/EN/IEC 60950-1

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### Ordering Information

Microsemi P/N	Name	Description
PD-9501G-SFP/AC	Microsemi 9501G-SFP	PoE Media Convertor, 60W



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