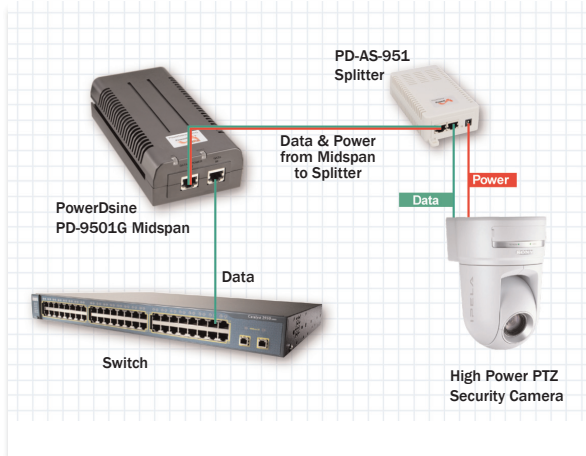


PowerDsine® 951 60W, 4-pairs Splitter

Enables powering 12V and 24V terminals via 4-pairs PowerDsine PoE



Overview

PowerDsine's PD-AS-951 High-Power active splitters enable data terminals that were not originally designed to accept power from the Ethernet, to be powered by Power over Ethernet midspans.

The PD-AS-951 High Power splitter (user selectable 12V or 24V) can power devices such as WiMAX CPEs, small WiMAX base-stations, 802.11n Access-Points, Thin-Clients, PTZ (Pan/Tilt/Zoom) IP Cameras, Video-Phones and more.

The High Power Adaptive Splitter Solution

Many contemporary terminals are designed and deployed without the ability to accept power via their LAN input. Such devices can only accept power through their DC jack while their RJ45 input accepts only data. Moreover, such devices might only accept voltage levels lower than the PoE standard minimum voltage (44v in IEEE802.3af / 50v in 802.3at). Using the PD-AS-951 high power splitter, these terminals immediately become PoE-ready without any modification required on their side.

The splitter is identified as a powered device (PD) in front of the powering Midspan and after being detected and powered, it physically splits the data and power streams, arriving over a single cable, into two separate cords (LAN & DC) which go directly to the data terminal. Voltage regulation is also performed to the level required by the terminal (12V or 24V).

Specifications

Connectors	2 x RJ-45, shielded, EIA 568A and 568B DC Jack (On Unit) O.D x I.D = 2.5 x 6.4 ø mm DC Jack (Ext. Cable #1) O.D x I.D = 5.5 x 2.5 ø mm DC Jack (Ext. Cable #2) O.D x I.D = 3.4 x 1.4 ø mm
Data Rate	10/100/1000 Mbps
Electrical	Pin Assignment & Polarity: 3/6 (+),1/2 (-) and/or 4/5 (+),7/8 (-) Input voltage: 44-57 Vdc Input power: 70W max Output power: 60W max Output current: 5A @ 12V 2.5A @ 24V
Dimensions & Weight	38 mm H x 130 mm W x 73 mm D (1.5 in x 5.2 in x 2.87 in) 285 gram (0.63 lbs)
Indicators	Output Power Indicators: Green LED (4-pairs) Yellow LED (2-pairs)
Environmental	Operating Temp: 0 to 40°C (32° to 104°F) Storage Temp: -20° to 70°C (-4° to 158°F) Operating Humidity: 10 to 90%, non-condensing Storage Humidity: 5 to 95%, non-condensing
Thermal Rating	19 BTU/Hr (@ Full Load)
Reliability	MTBF: 100,000 hours @ 25°C
Electromagnetic Emissions & Immunity	FCC Part 15 Class A EN55022 (CISPR 22) Class A EN55024 (CISPR 24)
Regulatory Compliance	CE
Warranty	1-year

Specifications subject to change without notice.



Microsemi®

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Ordering Information



Part Number	Description
PD-AS-951/12-24	12V - 24V 60W Splitter

* Should be used with PowerDsine 9501G Midspan for maximum performance