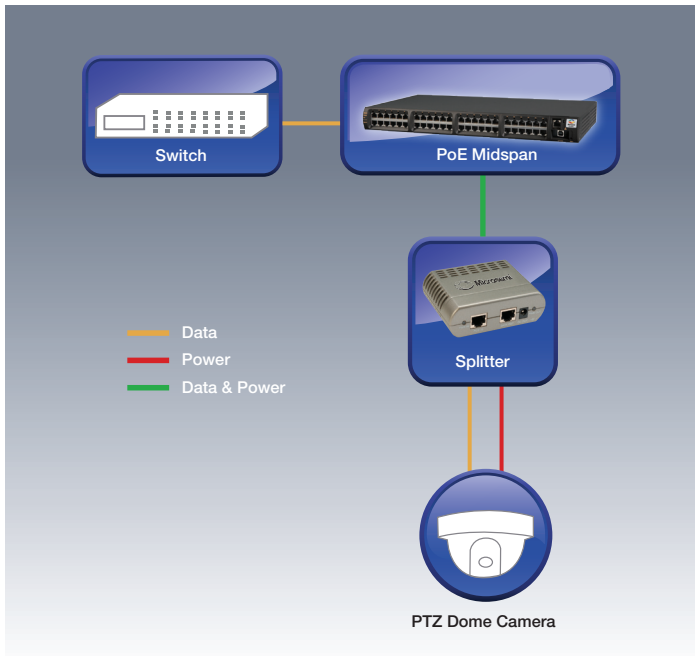


PoE Splitters

Easy-to-use Power over Ethernet Tester



Overview

Many contemporary terminals such as WiMAX CPEs, small WiMAX base-stations, 802.11n Access-Points, Thin-Clients, Video-Phones, PTZ (Pan/Tilt/Zoom) and IP Cameras were 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. Also, such devices might require voltage levels lower than the PoE standard minimum voltage (44v in IEEE802.3af or 50v in 802.3at). Using a Microsemi splitter, these terminals can 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 Microsemi midspan and after being detected and powered by the midspan, it physically splits the combined data and power stream into two separate cords (LAN Data & DC Power) which then go directly to the respective inputs on the terminal. The splitter also adjusts voltage to the level required by the terminal (12V, 18V or 24V).

Ordering Information

Model	Functionality
PD-AS-601/5	Power conversion from 48V to 5V output, 2 x DC jacks: round 3.4x1.35mm and 5.5x2.5mm
PD-AS-701/12	Power conversion from 48V to 12V output, 2 pairs, for use with PD-9000G family
PD-AS-951/12-24	Power conversion from 48V to 12V or 24V DC output (user selectable), 4 pairs, for use with PD-9500G family
PD-AS-951/18	Power conversion from 48V to 18V DC output over 4 pairs for use with PD-9500G family



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