

specifications

The power midspan shall comply with IEEE 802.3af to provide power to compliant devices. The power midspan shall provide eight shielded RJ45 ports to accommodate incoming data and outgoing data combined with 48 VDC power output on pairs (1, 2) and (3, 6). A status LED for each port shall designate when the port is actively supplying power. An additional front mounted LED shall indicate overall power midspan status. Labeling sections above both port banks shall accommodate TIA-606-A compliant labeling. An RJ45 port on the rear provides network connectivity and access to management settings. The power midspan shielding shall maintain immunity to electromagnetic and radio frequency interference.



technical information

Dimension:	1.65"H x 5.71"W x 5.81"D (41.91mm x 145.03mm x 147.47mm)
Weight:	2.25 lbs. (1.02 kg)
Mounting:	Tabletop, wall mountable, or rack mountable occupying one-third width of a 1 RU standard EIA 19" (482.6mm) rack
Input voltage:	46 – 57 VDC (via separate power supply)
Packaging:	Includes mounting feet, installation instructions, Ultimate ID® Labels with covers and DPoE™ Element Manager Software

key features and benefits

Small form factor, scalable design	PoE in a compact, 8-port, power midspan design fits into one-third of a rack space or may be wall mounted; lower cost to implement, supports double power for future devices and applications
48 V DC power	Accommodates 48 VDC PoE powering schemes automatically detecting IEEE 802.3af-2003 device powering; simplifies deployment, provides greater user flexibility, and lower cost
Full 15.4 W power to each port	Eliminates power budget load balancing per port; provides greater design flexibility as PoE devices share power across all ports
Power delivery of up to 30 W to each port	Ready for future changes in powering technology and protects customer investment in equipment; provides 30 W on each port for higher power consuming devices like pan, tilt, and zoom IP cameras
Gigabit Ethernet design	Designed for optimum data transmission efficiency while simultaneously providing robust power for the latest PoE Powered Device design demands
Multi-Colored LEDs	Provides an easy way to view and manage powering of each port to streamline troubleshooting and decrease maintenance costs
Remote network management	Capability to run standalone without a network connection; supports both DHCP and static IP assignment; allows devices to be powered on or off via SNMP v2c and v3; eliminates the need to dispatch technicians to power cycle devices resulting in lower cost of ownership

applications

Power over Ethernet (PoE) devices are often deployed in locations where an available power source is not readily accessible. Supplying managed power through the data cabling is therefore an attractive alternative. The Panduit® DPoE™ Compact 8 Midspan provides a dependable, cost effective solution for expanding PoE in networks that require data port convergence in a power midspan based solution. Low density PoE applications like wireless access points and security cameras are easily supported. The Gigabit Ethernet and power enhanced capable design allows for optimum data

transmission efficiency while simultaneously providing robust power for the latest PoE Powered Device demand and beyond. The shielded port design provides immunity to electromagnetic and radio frequency interference. By deploying the DPoE™ Compact 8 Midspan, customers can obtain a scalable PoE solution, that is enabled for future PoE and data transmission demands, while minimizing their initial implementation expenditures. Long-term benefits are realized through the reduction of operating expenses and the reward of greater network reliability.

DPoE™ Compact 8 Midspan

8-port power midspan: DPOE8S2XG
Kit that includes 8-port power midspan, power supply, and power cord: DPOE8KIT

DPoE™ Compact 8 Midspan Accessories

Wall mount bracket for DPOE8S2XG: DPOEWM8B
1 RU shelf for DPOE8S2XG: DPOESHelf
Modular 8-port passive module*: DPOEPL8BU

*Requires Mini-Com® Jacks, such as PANDUIT parts CJ688TGIW, CC5E88IW, CMDSAQLCZBL or CMBRS485BU.

DPoE™ Power Patch Panel

24-port 1 GbE panel: DPOE24U1XG

DPoE™ 120 W Power Supply

Power supply: DPOEPWRB120Y

DPoE™ Power System

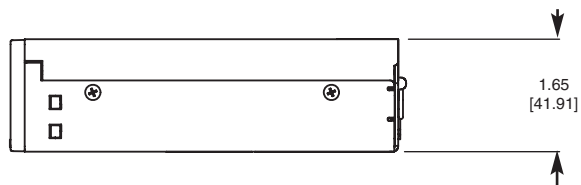
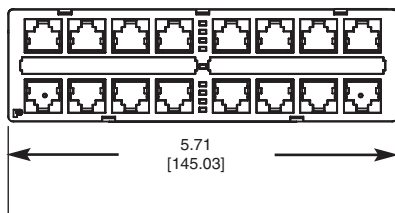
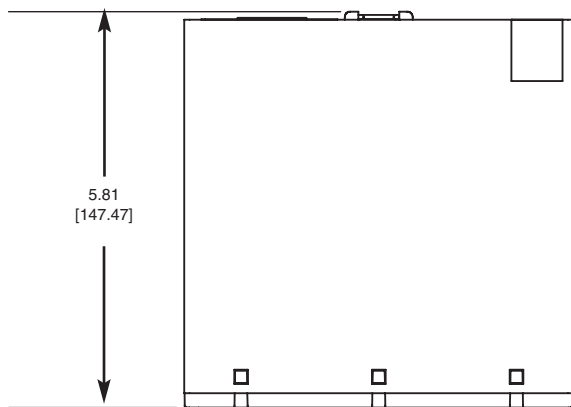
1 RU unmanaged chassis: DPOEPWRCU
1250 W power rectifier: DPOEPWRR1250
7.5A replacement fuses (8): DPOEPWRF7.5

Power Cords

U.S.A.: CORD-S15
Japan: CORD-J15
Australia: CORD-A
Europe: CORD-E
United Kingdom: CORD-U

DPoE™ Compact 8 Midspan Test Data

Performance Test	
Operating Temperature (ambient)	32°F to 104°F (0°C to 40°C)
Operating Humidity	Up to 90%, non-condensing
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Storage Humidity	Up to 95%, non-condensing
Operating Altitude	-1,000 to 10,000' (-304.8 to 3,048M)
Regulatory Compliance	
Designed to meet all international requirements	CE, VCCI, FCC, ACA (NOM for 24 Port), RoHS
Electromagnetic Compatibility	
Designed to meet all international requirements	Class A EN-55022 (CISPR 22), Class A EN-55024 (CISPR 24), FCC Part 15, EN-50029-1-14: 2004
Safety Approvals	
Designed to meet all international requirements	EN-60950, IEC-60950



Dimensions are in inches [Dimensions in brackets are metric]

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

Panduit CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

Panduit EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

Panduit SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

Panduit JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

Panduit LATIN AMERICA
Jalisco, Mexico
cs-la@panduit.com
Phone: 52.333.777.6000

Panduit AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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