

For use with stand-alone media converters 3.25" wide



Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

- 10G, 25G, 40G & 100G product solutions
- Seamless interoperability with network equipment
- Multi-code options enabling different OEM vendors at each end of the cable
- 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
- Fast Delivery, Custom solutions
- Compatible with Over 90 Systems
- Savings of up to 70%



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Lantronix' wide input external power supplies allow you to provide a wide range of input voltages to power your stand-alone converters and chassis. Input voltages of 24 – 60 VDC and 24 – 42 VRMS allow for installation of any of Lantronix' stand-alone media converters in most industrial, telecom and commercial applications, as well as HVAC and building controlled environments.

Multiple form factors allow flexibility to meet your application. The stand-alone form factor can be used with all Lantronix' stand-alone media converters. The piggy back form factor allows the power supply to attach directly to the converter and eliminate the power cable commonly found between the power supply and the converter. Once the piggy back supply is attached to the converter, the combined assembly is much easier to wall mount or attach to DIN Rail environments than using a separate supply.

Technical Data

Power Output

- Voltage: 12.25 VDC
- Current: 1.0A
- Load Regulation: $\pm 5\%$ at 10% load to full rated load
- Noise and Ripple: ± 40 mV peak-to-peak of output voltage

Power Input

- Voltage: 24 – 60 VDC; 24 – 42 VMRS
- Efficiency: 80% (typical)

Isolation Voltage

- (Dielectric withstand) Meets IEC 950 for one minute
- 1500 VAC: Output/Input
- 1500 VAC: Input/Safety GND
- 1500 VAC: Output/CASE

Protection

- Over Load Protection (OLP): When the average power rating exceeds 125%-150% of maximum power, output voltages reduced to a safe dissipation level; protects against short circuit of any output
- No Load Protection: No damage to power supply when operating at no load
- Transient Protection: No voltage spike at power-on, power-off, or power failure

Dimensions

- Width: 4.5" [114 mm]

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- Depth: 3.4" [86 mm]
- Height: 1" [25 mm]

Power Consumption

- 3 Watts (max) @ 24 VDC input, 12.25 VDC output

Environment

- Operating: -20°C to 65°C
- Storage: -40°C to 85°C
- Humidity: 5% to 95% (non-condensing)
- Altitude: 0 – 10,000 ft.

Weight

- 1 lb. [0.45 kg]

MTBF

- Greater than 250,000 hours (MIL-HDBK-217E)

Certifications

- CISPR/EN55022, Class A, FCC Class A

Warranty

- Lifetime

Product variants & accessories

Art.-No.	Description
SPS-2460-PS	For use with stand-alone media converters 3.25" wide