

Industrial DIN rail mounted power supply 48VDC, 76.8Watts



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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Features

tde® 25131

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- Auto-Negotiation
- Variable AC input range
- Protected against:
 - Overload
 - Over Voltage
 - Over Temperature
- Convection air cooling
- DIN Rail mountable
- UL 508 approved
- Full load burn in test
- RoHS compliant

Technical Data

Power Output

- Output Voltage: 48VDC
- Current Rating: 1.6A
- Power Rating: 76.8 Watts
- Ripple & Noise Max: 120mVp-p
- Voltage Range: 48~55VDC
- Voltage Tolerance: $\pm 1.0\%$
- Line Regulation: $\pm 0.5\%$
- Load Regulation: $\pm 1.0\%$
- Setup, Rise Time: 3000ms, 60ms
- Hold Up Time: 20ms/115VAC

Power Input

- Voltage Range Switch Selectable: 88~264VAC,
- 124~370VDC
- Frequency Range: 47~63Hz
- Efficiency: 90%
- AC Current (Typical): ,
- Inrush Current (Cold): ,
- Leakage Current: <

Protection

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- Overload: 110~150%
- Overvoltage: 56~65.8V

Dimensions

- Width: 1.26" [32 mm]
- Depth: 4.02" [102 mm]
- Height: 4.93" [125.2 mm]

Environment

- Operating: -30°C to +70°C
- Storage: -40°C to +85°C
- Humidity: 20% to 95% (non-condensing)

Weight

- 1.12 lbs. [0.51 kg]

MTBF

- 481.9Khrs

Certifications

- Safety: UL508, TUV EN60950-1, IEC60068-2-6 (Vibration), EN55022, CISPR22, EN61204-3 Class B, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN55024, EN61000-6-2, EN50082-2, EN61204-3 A, IEC60068-2-6 (Vibration)

Warranty

- Lifetime

Product variants & accessories

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| Art.-No. | Description |
|----------|--|
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