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trans data elektronik GmbH

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ISO 9001
TL 9000
ISO 14001

10GBase-SR, SFP+ with DMI multimode 850nm (LC) [300/82/33 m; 985/269/108 ft.] Link Budget: 4.0 dB Distance up to 300m on 50/125 OM3 multi-mode fiber, up to 82 m for 50/125 um multi-mode fiber with model. Bandwidth 500 MHz-km at 850nm, and up to 33m for 62.5/125 um multi-mode fiber with model bandwidth 200 MHzkm at 850nm.

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%

Applications include: 10G Ethernet Switches and Routers and Metro Edge Switching.

Features

- SFP+ Optical Transceiver with LC connector
- 10G Small Form-Factor Pluggable (SFP+) MSA Compliant
- Compliant with 10GBase-SR/LR/LRM
- SFF-8472 Digital Diagnostic Function (DMI)
- Single +3.3V Power Supply
- RoHS Compliant

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Technical Data

Standards

- IEEE 802.3z
- IEEE 802.3
- IEEE 802.3ae

Output Wavelength

- -5.5nm $< \lambda c < $ +7.5nm

Dimensions

- Width: 0.52" [13 mm]
- Depth: 2.18" [55 mm]
- Height: 0.33" [8 mm]

Power Input

- 3.3V

Environment

- Operating: 0°C to 70°C
- Storage: -40°C to 85°C

Certifications

- IEC-60825, FDA 21, CFR 1040.10 and 1040.11

Warranty

- Lifetime

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Product variants & accessories

Art.-No.	Description
TN-J9150A	10GBase-SR, SFP+ with DMI multimode 850nm (LC) [300/82/33 m; 985/269/108 ft.] Link Budget: 4.0 dB Distance up to 300m on 50/125 OM3 multi-mode fiber, up to 82 m for 50/125 um multi-mode fiber with model. Bandwidth 500 MHz-km at 850nm, and up to 33m for 62.5/125 um multi-mode fiber with model bandwidth 200 MHzkm at 850nm.