1000Base-LX/Fiber Channel 1x single mode (LC) with DMI 1570nm [80 km/49.7 mi.] Link Budget: 24.0 dB







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%

tde® trans data elektronik GmbH

Headquarter address:
Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:
Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 8805 61 13
Fax.: +49 231 8805 61 15

info@tde.de | www.tde.de

 © tde GmbH, all rights reserved, errors excepted.

1000Base-LX/Fiber Channel 1x single mode (LC) with DMI 1570nm [80 km/49.7 mi.] Link Budget: 24.0 dB

Applications include: Gigabit Ethernet Switches and Routers, Fiber Channel Switch Infrastructure, xDSL Applications, and Metro Edge Switching.

Features

- Coarse Wavelength Division Multiplexing (CWDM) ITU Grid Compliant Wavelengths
- Hot-Pluggable SFP Footprint Duplex LC Optical Transceiver
- Digital Diagnostic Function (DMI)
- Compatible with SFP Multi-Sourcing Agreement (MSA)
- Compliant with Fiber Channel 1X SM-LC-L FC-PI

Technical Data

Standards

- IEEE 802.3 2003
- IEEE 802.3z
- ANSI X3.297-1997

Output Wavelength

- -5.5nm <λc < +7.5nm

Typical Data Rate

- 1250Mbps

Minimum Data Rate

- 100Mbps

Dimensions

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

 © tde GmbH, all rights reserved, errors excepted.

1000Base-LX/Fiber Channel 1x single mode (LC) with DMI 1570nm [80 km/49.7 mi.] Link Budget: 24.0 dB

Power Consumption

- 0.66 Watts

Power Input

- 3.3V

Environment

- Operating: 0°C to 70°C

Certifications

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

Warranty

- Lifetime

Product variants & accessories

Art.-No.	Description
TN-SFP-LX8-C57	1000Base-LX/Fiber Channel 1x single mode (LC) with DMI 1570nm [80 km/49.7 mi.] Link Budget: 24.0 dB

© tde GmbH, all rights reserved, errors excepted.