

10GBase-BX, SFP+ with DMI 1270nm TX/1330nm RX single fiber single mode (LC) [10 km/6.2 mi.]

Link Budget: 5.9 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

10GBase-BX, SFP+ with DMI 1270nm TX/1330nm RX single fiber single mode (LC) [10 km/6.2 mi.]

Link Budget: 5.9 dB

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-BX
- SFF-8472 Digital Diagnostic Function (DDI)
- Maximum Link Length of 80 km
- Single +3.3V Power Supply
- RoHS Compliant

Technical Data

Standards

- IEEE 802.3z
- IEEE 802.3
- IEEE 802.3ae

Output Wavelength

- $-5.5\text{nm} < \lambda_c < +7.5\text{nm}$

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

10GBase-BX, SFP+ with DMI 1270nm TX/1330nm RX single fiber single mode (LC) [10 km/6.2 mi.]

Link Budget: 5.9 dB

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

Warranty

- Lifetime

Product variants & accessories

Art.-No.	Description
TN-SFP-10G-U-10	10GBase-BX, SFP+ with DMI 1270nm TX/1330nm RX single fiber single mode (LC) [10 km/6.2 mi.] Link Budget: 5.9 dB