1000Base-BX 1550nm TX/1310nm RX single fiber single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 11.0 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%

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

### Features

- Hot-Pluggable SFP Footprint Optical Transceiver
- Digital Diagnostic Function
- Compliant with SFP Multi-Sourcing Agreement (MSA)

## Technical Data

### Standards

- IEEE 802.3

### Dimensions

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

### Power Consumption

- 0.66 Watts

### Power Input

- 3.3V

### Environment

- Operating: 0°C to 70°C
- Operating: -40°C to 85°C (TN-SFP-LXBxxT)

### Certifications

- IEC-60825, FDA 21, CFR 1040.10 and 1040.11; UL Listed (specific SKUs only)

### Warranty

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- Lifetime

## Product variants & accessories

| Art.-No. | Description |
|---|---|
| TN-SFP-LXB12T | 1000Base-BX 1550nm TX/1310nm RX single fiber single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 11.0 dB |


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