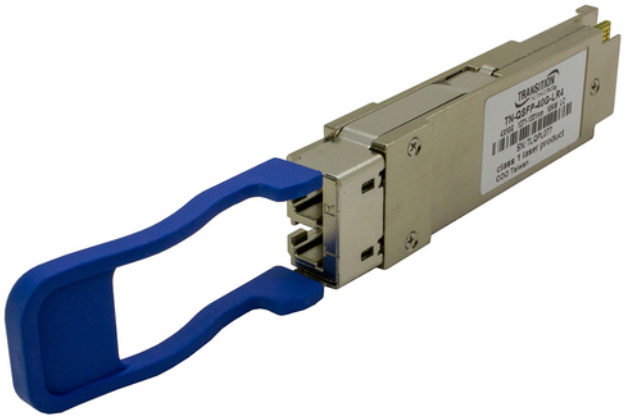
QSFP+ 40GBase-LR4, 1271nm, 1291nm, 1311nm, 1331nm, single mode (LC) [10km/6.2mi.] with DMI

Link Budget: 7.0 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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QSFP+ 40GBase-LR4, 1271nm, 1291nm, 1311nm, 1331nm, single mode (LC) [10km/6.2mi.] with DMI

Link Budget: 7.0 dB

Lantronix TN-QSFP-40G series 40G QSFP+ optical transceivers are designed to install in any QSFP+ port allowing for 40GBase-X interfaces to the network through the QSFP+ connector. The TN-QSFP-40G transceivers are Cisco Compliant* and are designed for bi-directional serial-optical data communication such as 40G Ethernet.

Applications include: 40G Ethernet, 10G Ethernet, and Data Center Aggregation Connection.

Features

- High capacity: up to 44.4 Gbps per module
- Compliant with SFF 8436 QSFP+ MSA
- Single +3.3 V Power Supply
- RoHS Compliant
- Digital Diagnostic Monitoring
- Low Power Dissipation : SR4 < 1.5 Watts, all other modules < 3.5w
- 40GBase-SR4: 4 lanes, up to 11.1Gbps per lane, Standard MPO connector
- 40GBase-LR4 & 40GBase-LR4-3: 4 wavelength CWDM Mux/Demux design, up to 11.1Gbps per wavelength, Duplex LC connector
- 40GBase-SR-BD: two transmit/receive channels, 20Gbps each channel, 850 – 900nm wavelength range, Duplex LC connector
- 40GBase-IR4: 4 wavelength CWDM Mux/Demux design, up to 11.1Gbps per wavelength, Duplex LC connector

Technische Daten

Standards

- IEEE 802.3ba
- SFF 8436

Dimensions

- Width: 0.71” [18 mm]
- Depth: 2.83” [72 mm]
- Height: 0.33” [8.5 mm]

Power Input

- 3.3V

Environment

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QSFP+ 40GBase-LR4, 1271nm, 1291nm, 1311nm, 1331nm, single mode (LC) [10km/6.2mi.] with DMI Link Budget: 7.0 dB

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

Certifications

- IEC 60825-1, FDA CDRH 21-CFR 1040.10 Class 1

Warranty

- Lifetime

Artikelvarianten & Zubehör

Art.-Nr.	Beschreibung
TN-QSFP-40G-LR4	QSFP+ 40GBase-LR4, 1271nm, 1291nm, 1311nm, 1331nm, single mode (LC) [10km/6.2mi.] with DMI Link Budget: 7.0 dB

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