10GBase-LR, SFP+ with DMI 1310nm single mode (LC) [10 km/6.2 mi.] Link Budget: 9.0 dB; UL Listed







## 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: 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 IEEE 802.3ae 10GBase-SR/LR/LRM
- SFF-8472 Digital Diagnostic Function (DMI)
- Maximum Link Length of 100 km
- Single +3.3V Power Supply
- RoHS Compliant

## Technical Data

### Standards

- IEEE 802.3z
- IEEE 802.3
- IEEE 802.3ae

### Output Wavelength

- -5.5nm <λc < +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


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

### Warranty

- Lifetime

## Product variants & accessories

| Art.-No. | Description |
|---|---|
| TN-SFP-10G-LR | 10GBase-LR, SFP+ with DMI 1310nm single mode (LC) [10 km/6.2 mi.] Link Budget: 9.0 dB; UL Listed |

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