

**40G QSFP+ to QSFP+ AOC, 40G QSFP+ Active Optical Cable.**

The 40G QSFP+ Active Optical Cable (AOC) is a high performance, low power consumption integrated cable for short-range multi-lane data communication and interconnect applications, supporting 40G Ethernet, fiber channel. It is compliant with the QSFP+ MSA and IEEE P802.3ba 40GBASE-SR4. It integrates four data lanes in each direction with 40 Gb/s aggregate bandwidth.



**Features**

- Hot-pluggable QSFP+ form-factor connectors
- 4 channels full-duplex active optical cables
- 4x 850nm VCSEL array and PIN photo-detector array
- Differential AC-coupled high-speed data interface
- Compliant with QSFP+ MSA and IEEE 802.3ba 40GBASE-SR4
- Data rate up to 41.2Gbps
- Length up to 300m over OM3 MMF
- Power consumption < 1.5W per end
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

**40G AOC Connectivity for Data Center**

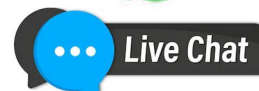
Featured with low-power, high-density and high-speed, the QSFP+ transceiver offers a popular way to help you quickly ramp up to 40G transmission.



**Contact Us:**

Email: [sales@compufox.com](mailto:sales@compufox.com)

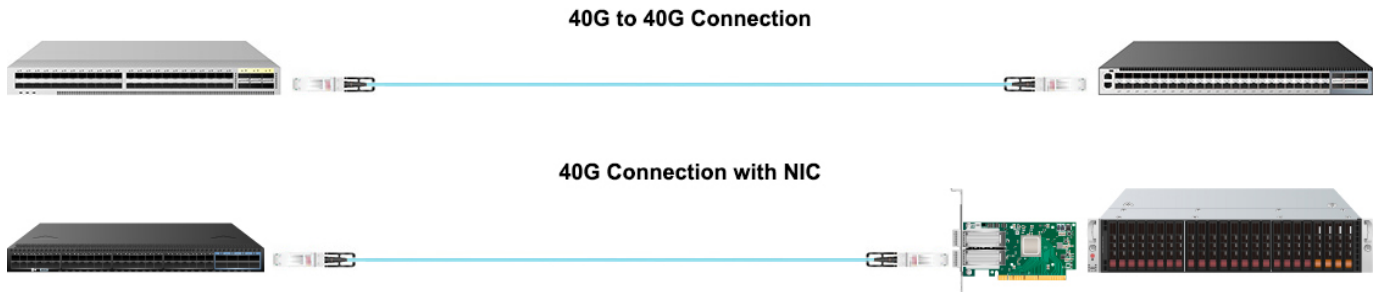
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### Applications

- 40GBASE-SR4 Ethernet
- InfiniBand 4xSDR/DDR/QDR

### Connection Diagrams



| SPECIFICATIONS    |                         |
|-------------------|-------------------------|
| Connector A       | 40G QSFP+               |
| Connector B       | 40G QSFP+               |
| Max Data Rate     | 41.2Gbps                |
| Max Length        | 300m (984ft)            |
| Wavelength        | 850nm                   |
| Media             | OM4 MMF                 |
| Temperature       | 0 to 70°C (32 to 158°F) |
| Power Consumption | < 1.5W                  |