

100G QSFP28 to QSFP28 AOC, 100G QSFP28 Active Optical Cable.

The 100G QSFP28 AOC - active optical cable is an end-to-end enclosed system for linking two QSFP28 data ports within the 100Gb/s SR4 distances to each other. The QSFP+ MSA-compliant implementation allows the user to plug-and-play the solution into any link length up to 100m to operate at the IEEE 100GBASE-SR4 data link rates.

The QSFP28 cable is a self-contained, end-to-end link using 4x25Gb/s parallel optical links. The optical ends are never exposed to the data center environment; therefore no cleaning or special handling is required.



Features

- Hot-pluggable QSFP28 form-factor connectors
- 4 channels full-duplex active optical cables
- 4x 850nm VCSEL array and PIN photo-detector array
- Internal CDR circuits on both receiver and transmitter channels
- Support CDR bypass
- Compliant with QSFP28 MSA and IEEE 802.3bm 100GBASE-SR4
- Compliant with IEEE 802.3ba 40GBASE-SR4 and InfiniBand 4x FDR/EDR
- Data rate up to 103.1Gbps
- Power consumption < 2.5W per end
- Length up to 70m (OM3) or 100m (OM4) over MMF
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

100G Connectivity for Data Center

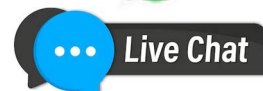
Featured with <2.2W low-power, high-density and high-speed, the QSFP28 transceiver offers a popular way to help you quickly ramp up to 100G transmission.



Contact Us:

Email: sales@compufox.com

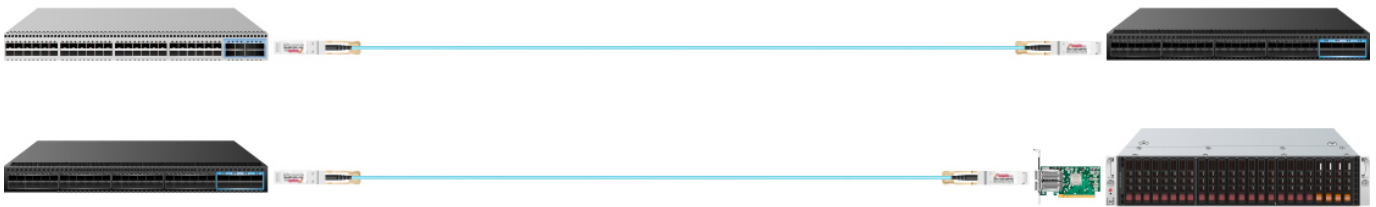
 (305) 865-8517  +1 (305) 710-6768



Applications

- 100GBASE-SR4 Ethernet
- 40GBASE-SR4 Ethernet
- InfiniBand 4xFDR/EDR
- 128G/4x32G Fibre Channel

Connection Diagrams



SPECIFICATIONS	
Connector A	100G QSFP28
Connector B	100G QSFP28
Max Data Rate	103.1Gbps
Max Length	100m (328ft)
Wavelength	850nm
Media	OM4 MMF
Temperature	0 to 70°C (32 to 158°F)
Power Consumption	< 2.5W per end