

## 100G QSFP28 to 4x 25G SFP28 Breakout Active Optical Cable.

The 100G QSFP28 to 4x 25G SFP28 Breakout Active Optical Cable (AOC) consists of one QSFP28 and four SFP28 modules with a fiber cable assembly, transmitting up to 25Gbps per channel over a OM3 MMF with distance up to 70 meters or a OM4 MMF with distance up to 100 meters.



### Features

- Hot-pluggable QSFP28 and 4x SFP28 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, IEEE 802.3bm 100GBASE-SR4 and IEEE 802.3by 25GBASE-SR
- Data rate up to 103.1Gbps
- Power consumption < 2.5W (100G QSFP28), < 1W (25G SFP28)
- 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)

### Applications

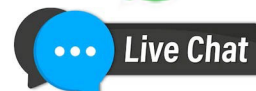
- Ethernet 100G, 25G
- InfiniBand 4X SDR, DDR, QDR, EDR, FDR
- Fiber Channel 25G, 100G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- TOR (Top of Rack)



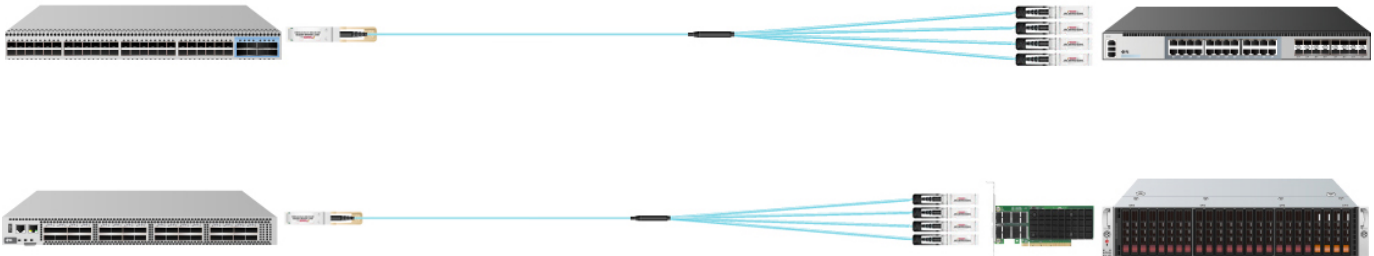
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## Connection Diagrams



SPECIFICATIONS	
Connector A	100G QSFP28
Connector B	4x 25G SFP28
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 (100G QSFP28), < 1W (25G SFP28)