

40G QSFP+ to 4x 10G SFP+ Breakout Active Optical Cable.

These QSFP+ Breakout AOC (Active Optical Cables) are a hybrid construction made with a single QSFP+ optical transceiver on one end and four independent SFP+ optical transceivers on the other end, with a fiber optic cable permanently embedded into each end (the fiber cable cannot be removed), this results in a “ready to use” QSFP+ to four SFP+ “Breakout” cable assembly, similar to passive Direct Attach Copper (DAC) cables, but with the benefit of internal active electronics to manage the host electrical interface and a longer reach, lighter weight cable.



The target application is QSFP+ based Top Of Rack (TOR) switches which need to communicate to independent SFP+ server Network Interface (NIC) cards or other legacy SFP+ based targets.

Features

- Hot-pluggable QSFP+ and 4x SFP+ form-factor connectors
- 4x 850nm VCSEL transmitter and PIN photo-detector receiver
- Compliant with QSFP+ MSA, IEEE 802.3ba 40GBASE-SR4 and IEEE 802.3ae 10GBASE-SR
- Length up to 100m over OM3 MMF
- Power consumption < 1.5W (QSFP+), < 0.8W (per SFP+)
- All-metal housing for superior EMI performance
- Operating case temperature range from 0°C to 70°C
- 3.3V power supply voltage
- RoHS compliant (lead free)

Applications

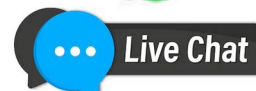
- 40GBASE-SR4 to 4x 10GBASE-SR Ethernet
- InfiniBand 4x QDR/SDR/DDR
- 4x 2G/4G/8G Fibre Channel
- Datacom and Telecom switch or router backplane connection
- High performance computing interconnect



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40G 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.



SPECIFICATIONS	
Connector A	40G QSFP+
Connector B	4x 10G SFP+
Max Data Rate	40Gbps
Max Length	100m (328ft)
Wavelength	850nm
Media	OM4 MMF
Temperature	0 to 70°C (32 to 158°F)
Power Consumption	< 1.5W (QSFP+), < 0.8W (per SFP+)