

100G QSFP28 Active Optical Cable (AOC)

This product is QSFP28 to QSFP28 active optical cable assemblies (AOC) for 100Gb/s, it converts the parallel electrical input signals into parallel optical signals (light), by a driven Vertical Cavity Surface Emitting Laser (VCSEL) array. The light propagates through the ribbon fibre individually, and be captured by the photo diode array. The optical signals are converted into parallel electrical signals and outputted. Consequently, each terminal of the cable has 8 ports, 4 for data transmission and 4 for data receiving, to provide totally 100Gb/s data exchange.

KEY FEATURES

- Support 100G Ethernet and Infiniband EDR
- 4 independent full-duplex channels
- Up to 25.78Gb/s data rate per channel
- QSFP MSA compliant
- Support DDM function
- Up to 100m OM4 MMF transmission
- Maximum power consumption 3.5W each terminal
- RoHS compliant

APPLICATIONS

- 100G Ethernet

Specification

LENGTH	Available in: 1~100m
INTERFACE	Electric interface: 38Pin Connector
	Management interface: 2 wire serial bus
VOLTAGE	3.3V
ENVIRONMENTAL PARAMETER	Operation temperature: 0° to 70°C
	Storage temperature: -40° to 85°C
AVAILABLE COLOURS	Aqua, Yellow, Orange, Blue, Black, Salmon Pink, Red, Purple, Grey, White, & Green