100Gbps QSFP28 Active Optical Cable

APEC0-AOC-xxx
Product Specification 100 Gbps Infiniband EDR QSFP+ AOC

Overview

APEC0-AOC series are active optical cables that allows bi-directional 100Gbps transmission suitable for high performance computing (HPC) clustering, 100GBASE-SR4, and storage area network(SAN), with advantages such as high speed, high density, low latency, low power consumption and light weight.

Features

- Quad Small Form-factor Pluggable (QSFP)
- Maximum Aggregate Data Rate 100Gbps
- EDR, FDR, QDR, DDR, SDR (Infiniband)
- Bi-directional pararell link
- 25.78125Gb/s per lane, x4 channels
- Up to 100m
- Low profile connectors
- Low power consumption
- Ribbon multi-mode fiber array
- 850nm VCSEL four array
- PIN diode four array
- Hot-Pluggable
- I2C management interface
- From 0 to 70 degree case temperature
- 3.3V power supply voltage
- Electrical 38-pin connector

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Applications

- Low-latency and high-speed interconnections for high performance computing(HPC)
- 100G Ethernet
- Storage area network(SAN)
- Other high-throughput data transmission network

Supported Standards

- IBTA EDR, FDR , QDR , DDR, SDR
- 100GBASE-SR4
- Management Interface SFF-8636 compliant
- QSFP28 SFF-8679 compliant
- RoHS compliant: lead-free
- Laser eye safety: class 1M

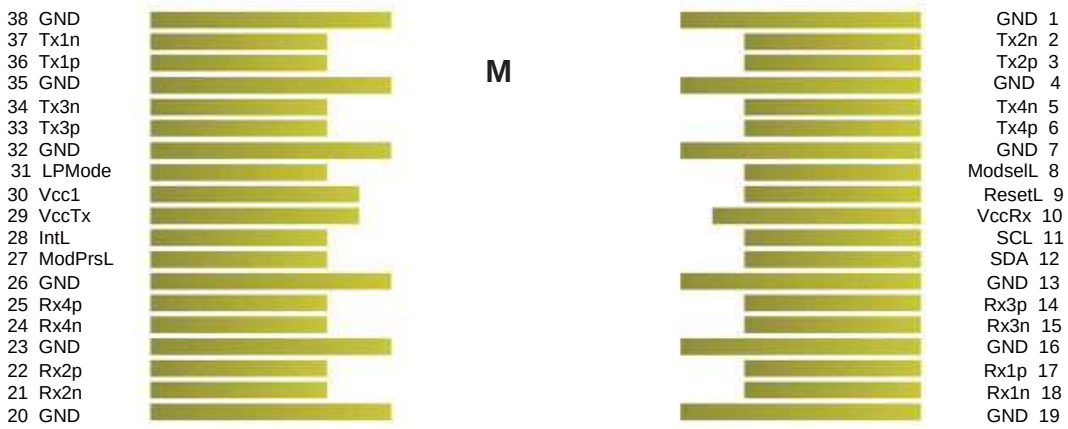
Part number

APEC0-AOC-xxx

xxx = from 001 to 100 (Cable length in meter.

Different lengths may be available upon request.)

Electrical Connector



Top Side
Viewed From Top

Bottom Side
Viewed From Bottom

For More Information

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