

40Gbps QSFP+ Active Optical Cable Product Brief

APQS-AOC-xxx

Product Specification 40 Gbps Infiniband QDR QSFP+ AOC

Overview

APQS-AOC series are active optical cables that allows bi-directional 40Gbps transmission suitable for high performance computing (HPC) clustering 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 40Gbps
- QDR, DDR, SDR (Infiniband)
- Bi-directional pararell link
- 10Gb/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



Applications

- Low-latency and high-speed interconnections for high performance computing(HPC)
- Storage area network(SAN)

Supported Standards

- IBTA QDR (the InfiniBand Architecture Release 1.2.1 QDR Specification), DDR, SDR
- QSFP MSA (SFF-8436) compliant
- RoHS compliant: lead-free
- Laser eye safety: class 1M

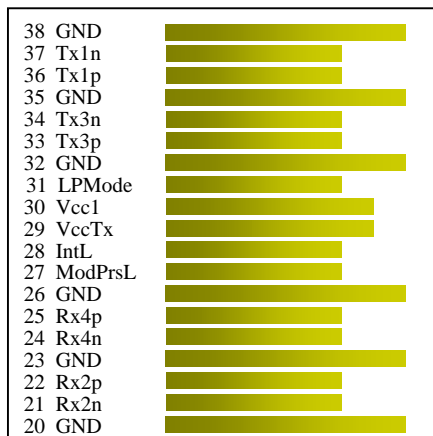
Part number

APQS-AOC-xxx

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

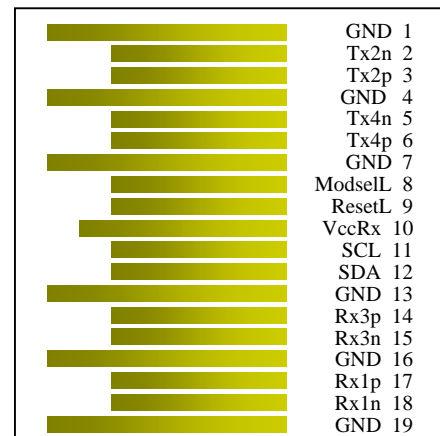
Different lengths may be available upon request.)

Electrical Connector



Top Side
Viewed From Top

Module Card Edge



Bottom Side
Viewed From Bottom

For More Information

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