

QSFP+ Active Multimode Fiber Optic Cables

ARIA QSFP+ Active Multimode Fiber Optic Cables are a high performance, low power consumption, long reach interconnect solution supporting 40G Ethernet, fiber channel and PCIe.

This product is compliant with the QSFP MSA and IEEE P802.3ba 40GBASE-SR4 standards.

These cables are an assembly of 4 full-duplex lanes, where each lane is capable of transmitting data at rates up to 10Gb/s, providing an aggregated rate of 40Gb/s.



Features

- Full duplex 4 channel 850nm parallel active optical cable
- Transmission data rate up to 10.3Gbit/s per channel
- SFF-8436 QSFP+ compliant
- Hot pluggable electrical interface
- Differential AC-coupled high speed data interface
- 4 channels 850nm VCSEL array
- 4 channels PIN photo detector array
- Maximum link length of 300m on OM3 Multimode Fiber (MMF) and 400m on OM4 MMF
- Low power consumption <1.5W
- Operating case temperature 0°C to +70°C

Features (Continued)

- 3.3V power supply voltage
- RoHS 6 compliant



Applications

- Infiniband transmission at 4ch SDR, DDR and QDR
- 40GBASE-SR4 40G Ethernet
- Data Centers

More Information on www.ariatech.com

Ordering information

Part Number	Product Description
ATQS-MDO400-003C	40Gb/s QSFP AOC up to 300m with 3 meter OM3 multimode fiber cable length
ATQS-MDO400-005C	40Gb/s QSFP AOC up to 300m with 5 meter OM3 multimode fiber cable length
ATQS-MDO400-010C	40Gb/s QSFP AOC up to 300m with 10 meter OM3 multimode fiber cable length
ATQS-MDO400-020C	40Gb/s QSFP AOC up to 300m with 20 meter OM3 multimode fiber cable length
ATQS-MDO400-050C	40Gb/s QSFP AOC up to 300m with 50 meter OM3 multimode fiber cable length
ATQS-MDO400-300C	40Gb/s QSFP AOC up to 300m with 300 meter OM3 multimode fiber cable length