

QSFP+ Active Singlemode Fiber Optic Cables

ARIA QSFP+ Active Singlemode 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 QSFP MSA and 40GbE PSM4 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 1310nm parallel active optical cable
- Transmission data rates up to 11.3Gbit/s per channel
- SFF-8436 QSFP+ compliant
- Hot pluggable electrical interface
- Differential AC-coupled high speed data interface
- 4 channels 1310nm FP array
- 4 channels PIN photo detector array
- Maximum link length of 2km on G652 singlemode fiber
- The housing is isolated from the connector ground
- Operating case temperature: 0°C to +70°C
- Maximum power consumption of 3.5W

Features (Continued)

- 3.3V power supply voltage
- RoHS 6 compliant



Applications

- Infiniband Connectivity SDR/DDR/QDR
- 10/40 Gigabit Ethernet
- 2/4/8 Gbps Fiber Channel
- Data Centers and Storage Arrays

More Information on www.ariatech.com

Ordering information

Part Number	Product Description
ATM-SDO400-003C	40Gb/s QSFP PSM AOC up to 2km with 3 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-005C	40Gb/s QSFP PSM AOC up to 2km with 5 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-010C	40Gb/s QSFP PSM AOC up to 2km with 10 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-020C	40Gb/s QSFP PSM AOC up to 2km with 20 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-050C	40Gb/s QSFP PSM AOC up to 2km with 50 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-100C	40Gb/s QSFP PSM AOC up to 2km with 100 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-1000C	40Gb/s QSFP PSM AOC up to 2km with 1,000 meter G652 singlemode fiber (SMF) cable length
ATM-SDO400-2000C	40Gb/s QSFP PSM AOC up to 2km with 2,000 meter G652 singlemode fiber (SMF) cable length