

SO-QSFP-40G-AOCXM

QSFP+, 40GBase, Active Optical Cable (AOC), 1m to 100m

OVERVIEW

The SO-QSFP-40G-AOCxM is an Active Optical Cable (AOC) solution for short-range multi-lane data communication and interconnect applications. The solution consists of QSP+ transceivers connected via a ribbon optical cable of desired length for 40Gbps Ethernet, InfiniBand QDR (4x 10Gbps), DDR (4x 5Gbps) and SDR (4x 2.5Gbps) interconnects. SO-QSFP-40G-AOCxM integrates four data lanes (up to 10 Gbps) in each direction with 40 Gbps aggregate bandwidth.

The SO-QSFP-40G-AOCxM is provided in lengths from 1 to 100 meters (3.3 to 328 ft).

PRODUCT FEATURES

- 2x QSFP+ transceivers with Multimode ribbon fiber cable
- SFF-8436 compliant QSFP connector
- 40GBASE-SR4 IEEE 802.3ba compliant
- 1 to 100 meters (3.3 to 328 ft)
- Fully RoHS compliant for environmental protection
- Operating temperature 0°C to +70°C (32°F to 158°F)
- Storage temperature 0°C to +85°C (32°F to 185°F)

APPLICATIONS

- Data Center cabling infrastructure
- Storage Area Network (SAN)
- Network Attached Storage (NAS)
- Hub, switches, routers, servers

ORDERING INFORMATION

| Part number | Description |
|---------------------|--|
| SO-QSFP-40G-AOC1M | QSFP+, 40GBase, Active Optical Cable (AOC), 1m |
| SO-QSFP-40G-AOC2M | QSFP+, 40GBase, Active Optical Cable (AOC), 2m |
| SO-QSFP-40G-AOC3M | QSFP+, 40GBase, Active Optical Cable (AOC), 3m |
| SO-QSFP-40G-AOC4M | QSFP+, 40GBase, Active Optical Cable (AOC), 4m |
| SO-QSFP-40G-AOC5M | QSFP+, 40GBase, Active Optical Cable (AOC), 5m |
| SO-QSFP-40G-AOC6M | QSFP+, 40GBase, Active Optical Cable (AOC), 6m |
| SO-QSFP-40G-AOC7M | QSFP+, 40GBase, Active Optical Cable (AOC), 7m |
| SO-QSFP-40G-AOC8M | QSFP+, 40GBase, Active Optical Cable (AOC), 8m |
| SO-QSFP-40G-AOC9M | QSFP+, 40GBase, Active Optical Cable (AOC), 9m |
| SO-QSFP-40G-AOC10M | QSFP+, 40GBase, Active Optical Cable (AOC), 10m |
| SO-QSFP-40G-AOC15M | QSFP+, 40GBase, Active Optical Cable (AOC), 15m |
| SO-QSFP-40G-AOC20M | QSFP+, 40GBase, Active Optical Cable (AOC), 20m |
| SO-QSFP-40G-AOC30M | QSFP+, 40GBase, Active Optical Cable (AOC), 30m |
| SO-QSFP-40G-AOC50M | QSFP+, 40GBase, Active Optical Cable (AOC), 50m |
| SO-QSFP-40G-AOC100M | QSFP+, 40GBase, Active Optical Cable (AOC), 100m |

MECHANICAL DRAWING

