

**DATASHEET 5.0**

# 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

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

## MECHANICAL DRAWING

