

DATASHEET 5.3

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).

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

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 0oC to +70oC (32°F to 158°F)
- Storage temperature 0oC to +85oC (32°F to 185°F)

APPLICATIONS

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

