

# SO-QSFP28-AOCXM

QSFP28, 100GBase, Active Optical Cable (AOC), 1m to 70m

## OVERVIEW

The SO-QSFP28-AOCxM is an Active Optical Cable (AOC) solution for short-range multi-lane data communication and interconnect applications. The solution consists of QSFP28 transceivers connected via a ribbon optical cable of desired length for 100Gbps Ethernet interconnects. SO-QSFP28-AOCxM integrates four data lanes (25 Gbps) in each direction with 100 Gbps aggregate bandwidth.

The SO-QSFP28-AOCxM is provided in lengths from 1 to 70 meters (3.3 to 230 ft).

## PRODUCT FEATURES

- 2x QSFP28 transceivers with Multimode ribbon fiber cable
- SFF-8665 compliant QSFP28 connector
- Digital diagnostics functions via the I2C interface
- 1 to 70 meters (3.3 to 230 ft)
- Fully RoHS compliant for environmental protection
- Low power consumption; <2.5W
- Operating temperature 0°C to +70°C (32°F to +158°F)
- Storage temperature -40°C to +85°C (-40°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-QSFP28-AOC1M	QSFP28, 100GBase, Active Optical Cable (AOC), 1m
SO-QSFP28-AOC2M	QSFP28, 100GBase, Active Optical Cable (AOC), 2m
SO-QSFP28-AOC3M	QSFP28, 100GBase, Active Optical Cable (AOC), 3m
SO-QSFP28-AOC4M	QSFP28, 100GBase, Active Optical Cable (AOC), 4m
SO-QSFP28-AOC5M	QSFP28, 100GBase, Active Optical Cable (AOC), 5m
SO-QSFP28-AOC6M	QSFP28, 100GBase, Active Optical Cable (AOC), 6m
SO-QSFP28-AOC7M	QSFP28, 100GBase, Active Optical Cable (AOC), 7m
SO-QSFP28-AOC8M	QSFP28, 100GBase, Active Optical Cable (AOC), 8m
SO-QSFP28-AOC9M	QSFP28, 100GBase, Active Optical Cable (AOC), 9m
SO-QSFP28-AOC10M	QSFP28, 100GBase, Active Optical Cable (AOC), 10m
SO-QSFP28-AOC12M	QSFP28, 100GBase, Active Optical Cable (AOC), 12m
SO-QSFP28-AOC15M	QSFP28, 100GBase, Active Optical Cable (AOC), 15m
SO-QSFP28-AOC30M	QSFP28, 100GBase, Active Optical Cable (AOC), 30m
SO-QSFP28-AOC50M	QSFP28, 100GBase, Active Optical Cable (AOC), 50m
SO-QSFP28-AOC70M	QSFP28, 100GBase, Active Optical Cable (AOC), 70m

MECHANICAL DRAWING

