

# SO-SFP28-AOCxM

SFP28, 25G Ethernet, Active Optical Cable (AOC), 1m to 20m

## OVERVIEW

The SO-SFP28-AOCxM is an Active Optical Cable (AOC) solution. SO-SFP28-AOCxM is a direct-attach assembly (i.e. SFP28 connectors with integrated cable) for quick and simple 25 Gbps connections within racks and across adjacent racks where the interconnected equipment uses SFP28 interfaces. It provides a cost-efficient solution as compared to using discrete optical transceivers and optical patch cables.

A SO-SFP28-AOCxM fits into SFP28 ports and supports 25G Ethernet as well as Infiniband QDR, SDR and DDR services. The SO-SFP28-AOCxM utilizes a MultiMode fiber and is provided in lengths from 1 to 20 meters.

## PRODUCT FEATURES

- Support for 25G Ethernet, Infiniband QDR, SDR, DDR
- SFF-8431 MSA compliant (electrical interface)
- Digital diagnostics functions via the I2C interface
- Up to 20m interconnects
- Operating case temperature 0°C to +70°C (+32°F to +158°F)
- Hot pluggable
- Low power; <1W
- Storage temperature -20°C to +85°C (-4°F to +185°F)

## APPLICATIONS

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

## ORDERING INFORMATION

Part number	Description
SO-SFP28-AOC1M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 1m
SO-SFP28-AOC2M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 2m
SO-SFP28-AOC3M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 3m
SO-SFP28-AOC4M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 4m
SO-SFP28-AOC5M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 5m
SO-SFP28-AOC6M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 6m
SO-SFP28-AOC7M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 7m
SO-SFP28-AOC8M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 8m
SO-SFP28-AOC9M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 9m
SO-SFP28-AOC10M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 10m
SO-SFP28-AOC12M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 12m
SO-SFP28-AOC15M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 15m
SO-SFP28-AOC20M	SFP28, 25G Ethernet, Active Optical Cable (AOC), 20m

Other lengths are available. Please contact sales@smartoptics.com for more details.

MECHANICAL DRAWING

