

SO-QSFP28-4XSFP28-AOCxM

QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 1m to 70m

OVERVIEW

The SO-QSFP28-4XSFP28-AOCxM is an Active Optical Cable (AOC) break-out solution. SO-QSFP28-4XSFP28-AOCxM is a direct-attach assembly (i.e. SFP28' connectors with integrated cable) for quick and simple connections within racks and across adjacent racks as compared to using discrete optical transceivers and optical patch cables.

A typical application for break-out cables is between a QSFP28 port on a 100 Gbps switch and feed up to four upstream 25GbE-SFP28 enabled switches. Each QSFP28-SFP28 splitter cable features a single QSFP28 connector (SFF-8665) rated for 100 Gbps on one end and 4x SFP28 connectors (SFF-8402), each rated for 25 Gbps, on the other.

A SO-QSFP28-4XSFP28-AOCxM supports 25G Ethernet as well as Infiniband QDR, SDR and DDR services. The SO-QSFP28-4XSFP28-AOCxM utilizes a MultiMode fiber and is provided in lengths from 1 to 70 meters.

PRODUCT FEATURES

- 100G QSFP28 to 4x 25G SFP28
- 25G Ethernet and Infiniband QDR, SDR and DDR services
- SFF-8431 and SFF-8436 MSA compliant (electrical interface)
- Digital diagnostics functions via the I2C interface
- Up to 70m interconnects
- Operating case temperature 0°C to +70°C (+32°F to +158°F)
- Hot pluggable
- Low power (SFP28); <1W
- RoSH compliant
- 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-QSFP28-4XSFP28-AOC1M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 1m
SO-QSFP28-4XSFP28-AOC2M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 2m
SO-QSFP28-4XSFP28-AOC3M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 3m
SO-QSFP28-4XSFP28-AOC4M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 4m
SO-QSFP28-4XSFP28-AOC5M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 5m
SO-QSFP28-4XSFP28-AOC6M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 6m
SO-QSFP28-4XSFP28-AOC7M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 7m
SO-QSFP28-4XSFP28-AOC8M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 8m
SO-QSFP28-4XSFP28-AOC9M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 9m
SO-QSFP28-4XSFP28-AOC10M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 10m
SO-QSFP28-4XSFP28-AOC12M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 12m
SO-QSFP28-4XSFP28-AOC15M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 15m
SO-QSFP28-4XSFP28-AOC20M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 20m
SO-QSFP28-4XSFP28-AOC30M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 30m
SO-QSFP28-4XSFP28-AOC50M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 50m
SO-QSFP28-4XSFP28-AOC70M	QSFP28 to 4xSFP28, 100GBase, Active Optical Cable (AOC), 70m

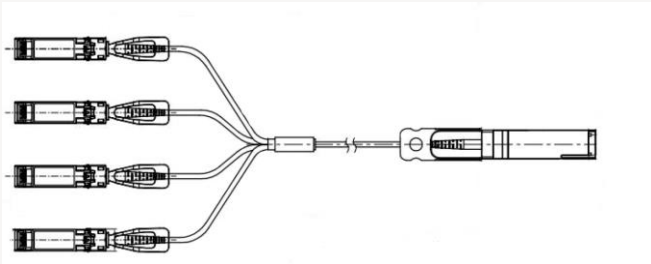
Subject to change without notice.

For more information visit smaroptics.com.

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

MECHANICAL DRAWING



Total length	Breakout point (measured from SFP28)
1m	70cm
2m	1.4m
3m	2m
4m	3m
5m	3m
6m	3m
7m	3m
8m	3m
9m	3m
10m	3m
12m	3m
15m	3m
20m	3m
30m	3m
50m	3m
70m	3m