

# SO-CFP2-QSFP28-XM, -2

CFP2 to QSFP28 DAC 1m, 2m, 3m, active

## OVERVIEW

The SO-CFP2-QSFP28-xM and SO-CFP2-QSFP28-xM-2 are active Direct Attach Cable (DAC) coax solutions for 100G Ethernet and OTN. It is intended for rack interconnect between equipment having CFP2 and QSFP28 ports.

Both are provided in lengths from 1 to 3 meters (3.3 to 9.8 ft).

The thickness of the cable is defined by the AWG (American Wire Gauge) rating value. The SO-CFP2-QSFP28-xM uses AWG30 rated cables.

The SO-CFP2-QSFP28-xM-2 version has Clock and Data Recovery (CDR) function in both transmit and receive direction while the SO-CFP2-QSFP28-xM has a CDR function in the receive direction only.

## PRODUCT FEATURES

- Supports 103 Gbps (100GbE) and 112 Gbps (OTU4) bit rates
- AWG 30 (cable thickness) up to 3m (9.8ft)
- Operating temperature 0°C to +70°C (32°F to +158°F)
- Fully RoHS-6 compliant for environmental protection
- CFP2 and QSFP28 MSA compliant
- Requires FEC in host systems
- Support for MDIO (Management Data Input/Output) interface for CFP2 connector
- Provides an MSA standard 2-wire serial communication interface on QSFP28 connector
- Low power consumption: 1.3W per connector

## APPLICATIONS

- Data Center cabling infrastructure

## ORDERING INFORMATION

Part number	Description
SO-CFP2-QSFP28-1M	CFP2 to QSFP28 DAC 1m
SO-CFP2-QSFP28-2M	CFP2 to QSFP28 DAC 2m
SO-CFP2-QSFP28-3M	CFP2 to QSFP28 DAC 3m
SO-CFP2-QSFP28-1M-2	CFP2 to QSFP28 DAC 1m, Dual CDR
SO-CFP2-QSFP28-2M-2	CFP2 to QSFP28 DAC 2m, Dual CDR
SO-CFP2-QSFP28-3M-2	CFP2 to QSFP28 DAC 3m, Dual CDR