

**DATASHEET 5.2**

SO-QSFP28-4SFP28-PCUxM

QSFP28 to SFP28, 100G Base, Direct Attach Cable (DAC), AWG30, 1m to 5m, passive

OVERVIEW

The SO-QSFP28-4SFP28-PCUxM is a passive 100G to 4x25G Ethernet Direct Attach Cable (DAC). coax solution.

A typical application for a SO-QSFP28-4SFP28-PCUxM break-out cables is between a QSFP28 port on a 100Gbps 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 100Gbps on one end and 4x SFP28 connectors (SFF-8402), each rated for 25Gbps, on the other.

The SO-QSFP28-4SFP28-PCUxM is provided in lengths from 1 to 5 meters (3.3 to 16.4 ft).

The thickness of the cable is defined by the AWG (American Wire Gauge) rating value. The SO-QSFP28-4SFP28-PCUxM uses AWG30 and AWG26 rated cables.

PRODUCT FEATURES

- QSFP28 (100G) to 4x SFP28 (25G) Splitter Cable
- 1x QSFP28 100 Gbps rated connector (SFF-8665 compliant)
- 4x SFP28 25 Gbps rated connectors (SFF-8402 compliant)
- SFF-8431 (electrical interfaces) / 8432 (mechanical specifications) compliant
- Protocol agnostic support of 1000GbE, EDR InfiniBand
- IEEE 802.3bj and P802.3by compliant
- 1 to 5 meters (3.3 to 16.4 ft)
- AWG 30 and AWG26 (cable thickness)
- SFF-8402 SFP28 and SFF-8665 QSFP28 compliant
- Fully RoHS compliant for environmental protection
- Operating case temperature 0 to +70oC

APPLICATIONS

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

INFORMATION

Part number	Description
SO-QSFP28-4SFP28-PCU1M	QSFP28 to 4xSFP28 Direct Attach Cable (DAC), 100G Ethernet, AWG30, 1m, passive
SO-QSFP28-4SFP28-PCU2M	QSFP28 to 4xSFP28 Direct Attach Cable (DAC), 100G Ethernet, AWG30, 2m, passive
SO-QSFP28-4SFP28-PCU3M	QSFP28 to 4xSFP28 Direct Attach Cable (DAC), 100G Ethernet, AWG30, 3m, passive
SO-QSFP28-4SFP28-PCU5M	QSFP28 to 4xSFP28 Direct Attach Cable (DAC), 100G Ethernet, AWG26, 5m, passive

MECHANICAL DRAWING

