

**DATASHEET 5.3**

# SO-QSFP-40G-PCUXM

**QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 1 to 5m, passive**

## OVERVIEW

The SO-QSFP-40G-PCUxM is a passive Direct Attach Cable (DAC) solution of Twinax type, i.e. a copper cable similar to coaxial cable, but with two inner conductors instead of one. A typical application for a SO-QSFP-40G-PCUxM cables is to establish a 40 Gbps link between QSFP+ ports on switches within racks and across adjacent racks.

The SO-QSFP-40G-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-QSFP-40G-PCUxM uses AWG30 rated cables. Please see minimum bend radius requirements below.

## ORDERING INFORMATION

Part Number	Description	Note
SO-QSFP-40G-PCU1M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 1m, passive	Min bend radius: 33mm
SO-QSFP-40G-PCU2M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 2m, passive	Min bend radius: 33mm
SO-QSFP-40G-PCU3M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 3m, passive	Min bend radius: 33mm
SO-QSFP-40G-PCU5M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 5m, passive	Min bend radius: 33mm

## PRODUCT FEATURES

- QSFP+ 40.0 Gbps rated connector (SFF-8436 Compliant)
- Protocol agnostic support of 40GbE, QDR InfiniBand
- 1 to 5 meters (3.3 to 16,4 ft)
- AWG 30 (cable thickness)
- EEPROM for cable signature & system communications
- Operating case temperature: -20 to +85 oC
- Fully RoHS compliant for environmental protection

## APPLICATIONS

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

# MECHANICAL DRAWING

