

DATASHEET 5.3

SO-QSFP-40G-ACUXM

QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30/28, 3 to 10m, active

OVERVIEW

The SO-QSFP-40G-ACUxM is an active 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-ACUxM cables is to establish a 40 Gbps link between QSFP+ ports on switches within racks and across adjacent racks.

The SO-QSFP-40G-ACUxM is provided in lengths from 3 to 10 meters (9.8 to 32.8 ft).

The thickness of the cable is defined by the AWG (American Wire Gauge) rating value.

PRODUCT FEATURES

- QSFP+ 40.0 Gbps rated connector (SFF-8436 Compliant)
- Protocol agnostic support of 40GbE, QDR InfiniBand
- 3 to 10 meters (9.8 to 32.8 ft)
- AWG 30 (cable thickness)
- 2-wire interface and management memory map as specified by SFF-8436
- Low power consumption: <1.5W
- Operating case temperature: 0 to +70oC
- Fully RoHS compliant for environmental protection

APPLICATIONS

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

ORDERING INFORMATION

Part Number	Description	Note
SO-QSFP-40G-ACU3M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 3m, active	Min bend radius: 33mm
SO-QSFP-40G-ACU5M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 5m, active	Min bend radius: 33mm
O-QSFP-40G-ACU7M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 7m, active	Min bend radius: 33mm
SO-QSFP-40G-ACU10M	QSFP+, 40GBase, Direct Attach Cable (DAC), AWG28, 10m, active	Min bend radius: 37mm

MECHANICAL DRAWING

