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. The SO-QSFP-40G-ACUXM uses AWG30 and AWG28 rated cables. Please see minimum bend radius requirements below.

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 +70°C
- 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

<table>
<thead>
<tr>
<th>Part number</th>
<th>Description</th>
<th>Note</th>
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<tbody>
<tr>
<td>SO-QSFP-40G-ACUX3M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 3m, active</td>
<td>Min bend radius: 33mm</td>
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<tr>
<td>SO-QSFP-40G-ACUX5M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 5m, active</td>
<td>Min bend radius: 33mm</td>
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<tr>
<td>SO-QSFP-40G-ACUX7M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 7m, active</td>
<td>Min bend radius: 33mm</td>
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<td>SO-QSFP-40G-ACUX10M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG28, 10m, active</td>
<td>Min bend radius: 37mm</td>
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