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.

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 °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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</thead>
<tbody>
<tr>
<td>SO-QSFP-40G-PCU1M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 1m, passive</td>
<td>Min bend radius: 33mm</td>
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<tr>
<td>SO-QSFP-40G-PCU2M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 2m, passive</td>
<td>Min bend radius: 33mm</td>
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<td>SO-QSFP-40G-PCU3M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 3m, passive</td>
<td>Min bend radius: 33mm</td>
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<tr>
<td>SO-QSFP-40G-PCU5M</td>
<td>QSFP+, 40GBase, Direct Attach Cable (DAC), AWG30, 5m, passive</td>
<td>Min bend radius: 33mm</td>
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