SO-QSFP-4SFP-PCUxM
QSFP to 4xSFP+, Direct Attach Cable (DAC), AWG30, 1 to 5m, passive

OVERVIEW

The SO-QSFP-4SFP-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-4SFP-PCUXM break-out cables is between an QSFP port on a 40 Gbps switch and feed up to four upstream 10GbE-SFP+ enabled switches. Each QSFP-SFP+ splitter cable features a single QSFP connector (SFF-8436) rated for 40 Gbps on one end and 4x SFP+ connectors (SFF-8431), each rated for 10 Gbps, on the other.

The SO-QSFP-4SFP-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-4SFP-PCUxM uses AWG30 rated cables. Please see minimum bend radius requirements below.

PRODUCT FEATURES

- QSFP (40G) to 4x SFP+ (10G) splitter cable
- 1x QSFP 40.0 Gbps rated connector (SFF-8436 compliant)
- 4x SFP+ 10.0 Gbps rated connectors (SFF-8431 compliant)
- Protocol agnostic support of 40GbE, QDR InfiniBand, SAS & Fiber Channel
- 1 to 5 meters (3.3 to 16.4 ft)
- AWG 30 (cable thickness)
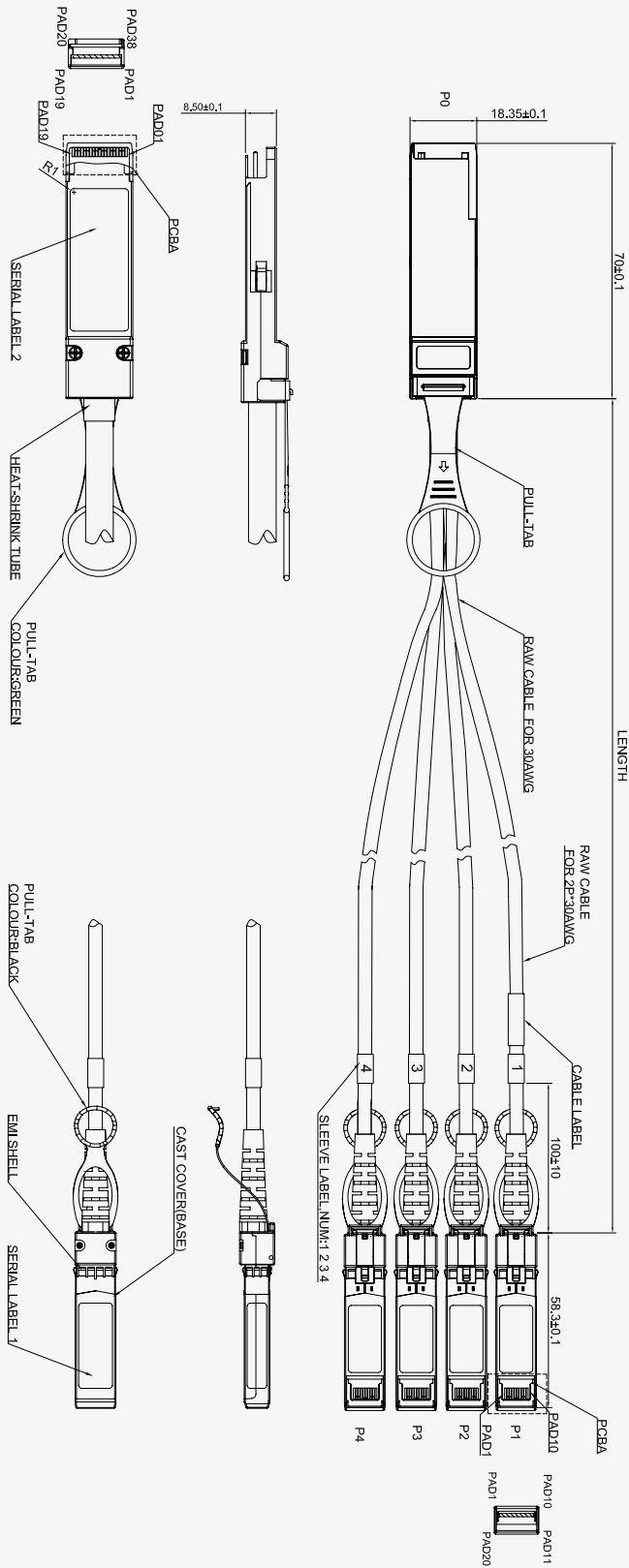- Fully RoHS compliant for environmental protection
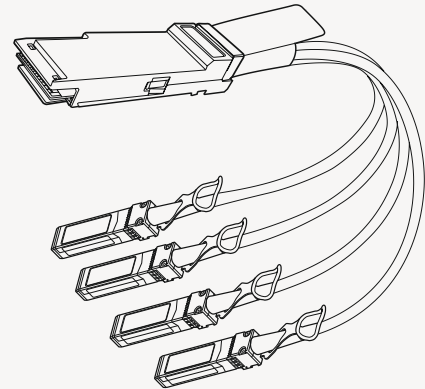
APPLICATIONS

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

ORDERING INFORMATION

Part number	Description
SO-QSFP-4SFP-PCU1M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 1m, passive
SO-QSFP-4SFP-PCU2M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 2m, passive
SO-QSFP-4SFP-PCU3M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG30, 3m, passive
SO-QSFP-4SFP-PCU5M	QSFP+ to 4xSFP+, Direct Attach Cable (DAC), AWG26, 5m, passive

MECHANICAL DRAWING

MINIMUM BEND RADIUS

PAD38
PAD20
PAD19
PAD1
PAD19
PAD01
8.50±0.1
R1
PCBA
SERIAL LABEL 2
HEAT-SHRINK TUBE
PULL-TAB COLOUR:GREEN

P0
18.35±0.1
70±0.1
PULL-TAB
RAW CABLE FOR 30AWG
LENGTH
RAW CABLE FOR 2P*30AWG
CABLE LABEL
100±10
58.3±0.1

PULL-TAB COLOUR:BLACK
EMI SHELL
SERIAL LABEL 1
CAST COVER(BASE)
SLEEVE LABEL NUM:1 2 3 4
4 3 2 1
P4 P3 P2 P1 PAD1 PAD10 PCBA
PAD1
PAD20
PAD10
PAD11

BEZEL
18.50
OD
MIN BEND RADII
MIN BEND SPACE

BEND RADII			
CABLE(AWG)	4*SFP OD(mm)	MIN BEND RADII(mm)	MIN BEND SPACE
30	10.6	53.0	71.5

BEZEL
10.9
OD
MIN BEND RADI
MIN BEND SPACE

BEND RADII			
CABLE(AWG)	OD(mm)	MIN BEND RADII(mm)	MIN BEND SPACE
30	4.2	21.0	31.9

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