

**DATASHEET 5.0**

# SO-SFP28-PCUxM

**SFP28, Direct Attach Cable (DAC), AWG30/26, 0.5 to 5m, passive**

## OVERVIEW

The SO-SFP28-PCUxM 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. SO-SFP28-PCUxM is a solution for 25 Gbps connections within racks and across adjacent racks where the interconnected equipment uses SFP28 interfaces. It provides a cost-efficient solution as compared to using optical transceivers and it simplifies the patching since no separate transmit/receive direction has to be taken into account.

A SO-SFP28-PCUxM DAC fits into SFP28 ports and is intended for 25Gbps Ethernet services.

The SO-SFP28-PCUxM is provided in lengths from 0.5 to 5 meters (1.6 to 16.4 ft).

The thickness of the cable is defined by the AWG (American Wire Gauge) rating value. As an example, an AWG26 DAC cable is thicker and heavier than the AWG30.

## PRODUCT FEATURES

- SFP28 MSA compliant (SFF-8402 and SFF-8432)
- SFP28 to SFP28 connectivity
- Supports 25 Gigabit Ethernet (IEEE 802.3by)
- 0.5 to 5 meters (1.6 to 16.4 ft)
- AWG26/30 (cable thickness)
- Operating case temperature 0 to +70°C
- RoSH compliant

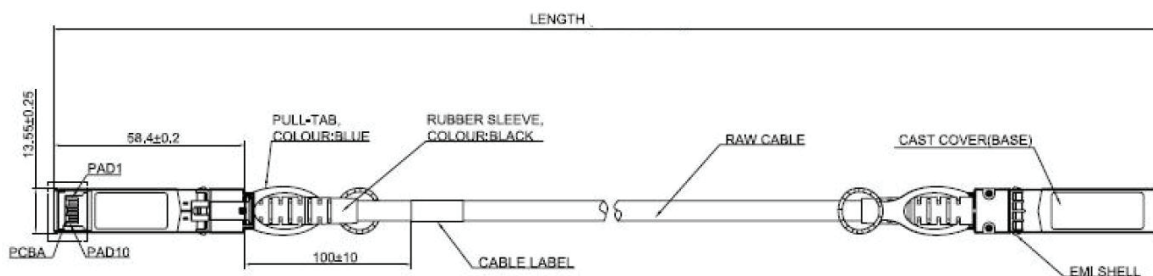
## APPLICATIONS

- Data Center cabling infrastructure

## INFORMATION

Part number	Description
SO-SFP28-PCU0.5M	SFP28 to SFP28 Direct Attach Cable (DAC), 25G Ethernet, AWG30, 0.5m, passive
SO-SFP28-PCU1M	SFP28 to SFP28 Direct Attach Cable (DAC), 25G Ethernet, AWG30, 1m, passive
SO-SFP28-PCU2M	SFP28 to SFP28 Direct Attach Cable (DAC), 25G Ethernet, AWG30, 2m, passive
SO-SFP28-PCU3M	SFP28 to SFP28 Direct Attach Cable (DAC), 25G Ethernet, AWG30, 3m, passive
SO-SFP28-PCU5M	SFP28 to SFP28 Direct Attach Cable (DAC), 25G Ethernet, AWG26, 5m, passive

## MECHANICAL DRAWING



Minimum bend radius AWG30: 23mm

Minimum bend radius AWG26: 28mm