

SFP56 – SFP56 DAC, Passive

SFP56, Direct Attach Cable (DAC), AWG30/26, 0.5 to 3m, passive

DS5001-XXXX-SO

The DS5001-xxxC-SO 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. DS5001-xxxC-SO is a solution for 50Gbps connections within racks and across adjacent racks where the interconnected equipment uses SFP56 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 DS5001-xxxC-SO fits into SFP56 ports and is intended for 56Gbps Ethernet services.
The DS5001-xxxC-SO is provided in lengths from 0.5 to 3 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

- SFP56 MSA compliant (SFF-8472 and SFF-8431)
- SFP56 to SFP56 connectivity
- Supports 50 Gigabit Ethernet (IEEE 802.3cd, GAUI-1)
- 0.5 to 3 meters (1.6 to 9.8 ft)
- AWG26/30 (cable thickness)
- Operating case temperature 0 to +70°C
- RoSH compliant

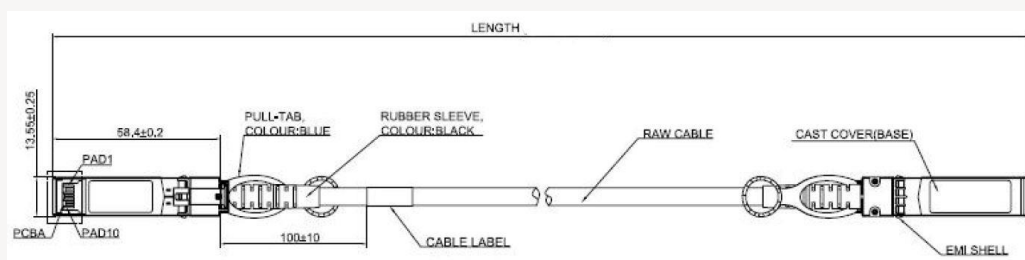
APPLICATIONS

- Data Center cabling infrastructure

ORDERING INFORMATION

Part number	Description
DS5001-05MC-SO	SFP56 to SFP56 Direct Attach Cable (DAC), 50G Ethernet, AWG30, 0.5m, passive
DS5001-001C-SO	SFP28 to SFP28 Direct Attach Cable (DAC), 50G Ethernet, AWG30, 1m, passive
DS5001-002C-SO	SFP28 to SFP28 Direct Attach Cable (DAC), 50G Ethernet, AWG26, 2m, passive
DS5001-003C-SO	SFP28 to SFP28 Direct Attach Cable (DAC), 50G Ethernet, AWG26, 3m, passive

MECHANICAL DRAWING



Minimum bend radius AWG30: 23mm

Minimum bend radius AWG26: 28mm

Subject to change without notice.

For more information visit smaroptics.com.

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