

25G SFP28 DAC 1-5m

25G Eth, SFP28, DAC, 1-5m, 30/26AWG

SD11-25-xxM-yyC1

OVERVIEW

The SD11-25-xxM-30C1 series is a family of passive Direct Attach Copper (DAC) cables designed for 25 Gigabit Ethernet applications. Each assembly integrates SFP28 connectors at both ends and provides a single 25.78Gbps electrical lane that supports full duplex high speed transmission without the need for active components. The passive design ensures very low power consumption and simple plug and play operation.

The cable assemblies comply with SFF-8402, SFF-8432 and are backward compatible with SFP+ systems according to SFF-8431. They offer low insertion loss, low crosstalk and excellent EMI performance. The internal EEPROM supports cable identification and host communication. These cables are intended for short distance links in data centers and switching platforms.

The series is available in lengths from 1 to 3 meters and supports 30/26AWG, depending on length requirements. The operating temperature range is 0°C to +70°C.

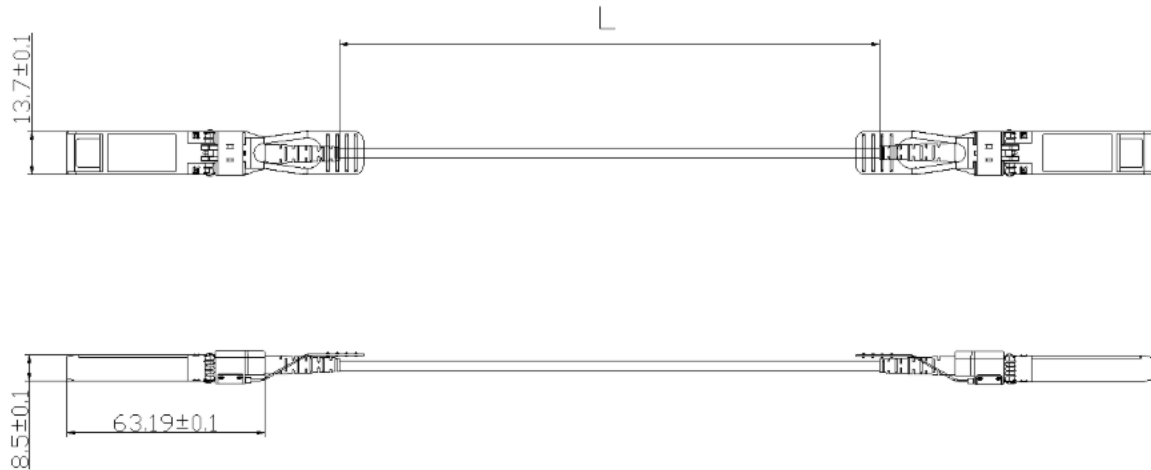
KEY SPECIFICATIONS

- 25G SFP28 passive DAC cable assemblies
- Supports 25.78Gbps electrical interface
- Compliant with SFF-8402, SFF-8432 and SFP+ MSA
- Available lengths: 1m,2m,3m,4m,5m
- Available gauges: 30AWG and 26AWG
- Low insertion loss and low crosstalk
- Operating temperature: 0°C to +70°C
- Hot pluggable with controlled impedance and EMI optimized design

APPLICATIONS

- 25G Ethernet
- Switch, Router, Hub
- Data center, cloud server

MECHANICAL DRAWING



ORDERING INFORMATION

Ordering Code	Description
SD11-25-01M-30C1	25G SFP28, 1m, DAC, 30AWG, 0 to 70C
SD11-25-02M-30C1	25G SFP28, 1m, DAC, 30AWG, 0 to 70C
SD11-25-03M-30C1	25G SFP28, 1m, DAC, 30AWG, 0 to 70C
SD11-25-03M-26C1	25G SFP28, 1m, DAC, 26AWG, 0 to 70C
SD11-25-04M-26C1	25G SFP28, 1m, DAC, 26AWG, 0 to 70C
SD11-25-05M-26C1	25G SFP28, 1m, DAC, 26AWG, 0 to 70C

All information contained in this document is subject to change without prior notice at the sole discretion of CloudPhotonix. The company warrants the performance of its products solely in accordance with the current published specifications and applicable warranty terms. CloudPhotonix makes no other warranties, express or implied, including but not limited to any implied warranties of merchantability, fitness for a particular purpose, or non-infringement of third-party rights. For the most current certification and compliance information, please contact CloudPhotonix directly.

CONTACT INFORMATION

Email: sales@cloudphotonix.com
 Phone: +91-1203116709, +91-1203116718
 CloudPhotonix India Pvt. Ltd.
 Block A-51, Sector 67
 Noida – 201301, Uttar Pradesh, India