

# Transceiver Test Report

PN: SFP-25G-DAC1M

**I. Test Purpose**

By building realistic switch use cases, we test whether the SFP-25G-DAC1M transceiver meets industry standards, performs at a high level, and is compatible with the target switch platform.

**II. Test Results Summary**

Test items	Test Result	Note
Compatibility Test	Pass	Check whether the transceiver is compatible with the target switch

**III. Test Environment**

**3.1 Test Sample**


Vendor Name	Part Number	Serial Number	Description
OPTCORE	SFP-25G-DAC1M	2410908048	25G SFP28 DAC Cable

**3.2 Test Equipment Used**

Equipment Brand	Equipment Model	Software Version/Note
Mellanox	SN2410	3.10.4006

**IV. Test Data**

**4.1 Compatibility Test**

Test Data	
	<pre>switch-3858d4 [standalone: master] # show interfaces ethernet 1/13 transceiver Port 1/13 state   identifier           : SFP/SFP+/SFP28   cable/module type    : Passive copper cable   ethernet speed and type: 1x_passivecopper,10 GigE over DAC, 25GBASE-CR CA-L   vendor               : OPTCORE   supported cable length : 1m   part number          : SFP-25G-DAC1M   revision             : A1   serial number        : 2410908048  switch-3858d4 [standalone: master] # show interfaces ethernet 1/15 transceiver Port 1/15 state   identifier           : SFP/SFP+/SFP28</pre>

	cable/module type : Passive copper cable ethernet speed and type: 1x_passivecopper,10 GigE over DAC, 25GBASE-CR CA-L vendor : OPTCORE supported cable length : 1m part number : SFP-25G-DAC1M revision : A1 serial number : 2410908048
Test Conclusion	The SFP28 DAC Cable was successfully recognized by the Mellanox SN2410, with all identification information accurately displayed in the outputs.

**Appendix A. Document Revision**

Version No	Date	Description
V1.0/EN	2026-1-4	Preliminary test report

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