

Transceiver Interoperability Matrix

This chapter includes the following topics:

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Transceiver Information

The following table provides details on transceiver support. The products have been through system verification tests.

Recommendations:

The following table provides details on Non-Cisco Transceiver Support support.

Note For the Part Numbers, xxxx refers to notation for frequency data. For full product description, see http://www.smartoptics.com/products/cisco-collection/.

Table 1: Non-Cisco Transceiver Support of 8G SFP for the vendor Smartoptics

Part Number	Description	Required OS	Supported Platforms	Comments
DS-8G-ZR	SFP+, 8/4/2/1 Gbps FC/FICON, 1550nm, SM, DDM, 23dB, 80km	6.2(19) and later 8.2(1) and later	Cisco MDS 9148S Cisco MDS 9250i Cisco MDS 9396S Cisco MDS 24/10 Port SAN Extension Module Cisco MDS 9700 48-Port 16-Gbps Fibre Channel Switching Module Cisco MDS 48 Port 32 Gbps Fibre Channel Switching Module Cisco MDS 9132T Cisco MDS 9148T and MDS 9396T Cisco MDS 9220i	Cisco MDS 48 Port 32 Gbps Fibre Channel Switching Module is supported starting from Cisco MDS NX-OS Release 8.2(1). The Cisco MDS 9132T switch is supported starting from Cisco MDS NX-OS Release 8.2(1). The Cisco MDS 9148T and MDS 9396T switches are supported starting from Cisco MDS NX-OS Release 8.3(1). The Cisco MDS 9220i switch is supported starting from Cisco MDS NX-OS Release 8.5(1).
DS-8G-ZR-Cxx	SFP+, 8/4/2/1 Gbps FC/FICON, CWDM, SM, DDM, 23dB, 70km			
DS-8G-ZR-Dxxxx	SFP+, 8/4/2/1 Gbps FC/FICON, DWDM, SM, DDM, 23dB, 80km			

Table 2: Non-Cisco Transceiver Support of 16G SFP and the vendor Smartoptics

Part Number	Description	Required OS	Supported Platforms	Comments
DS-16G-ER	SFP+, 16/8/4 Gbps FC/FICON, 1550nm, SM, DDM, 13dB, 40km	6.2(19) and later 8.2(1) and later	Cisco MDS 9148S Cisco MDS 9250i Cisco MDS 9396S Cisco MDS 24/10 Port SAN Extension Module Cisco MDS 9700 48-Port 16-Gbps Fibre Channel Switching Module Cisco MDS 48 Port 32 Gbps Fibre Channel Switching Module Cisco MDS 9132T Cisco MDS 9148T and MDS 9396T Cisco MDS 9220i Cisco MDS 48 Port 64 Gbps Fibre Channel Switching Module Cisco MDS 9124V and MDS 9148V Cisco MDS 9396V	Cisco MDS 48 Port 32 Gbps Fibre Channel Switching Module is supported starting from Cisco MDS NX-OS Release 8.2(1). The Cisco MDS 9132T switch is supported starting from Cisco MDS NX-OS Release 8.2(1). The Cisco MDS 9148T and MDS 9396T switches are supported starting from Cisco MDS NX-OS Release 8.3(1). The Cisco MDS 9220i switch is supported starting from Cisco MDS NX-OS Release 8.5(1). The Cisco MDS 48 Port 64 Gbps Fibre Channel Switching Module is supported from Cisco MDS NX-OS Release 9.2(1). The Cisco MDS 9124V, and MDS 9148V switches are supported from Cisco MDS NX-OS Release 9.3(1) The MDS 9396V switch is supported from Cisco MDS NX-OS Release 9.4(1)
DS-16G-ER-Cxx	SFP+, 16/8/4 Gbps FC/FICON, CWDM, SM, DDM, 13dB, 40km			
DS-16G-ER-Dxxxx	SFP+, 16/8/4 Gbps FC/FICON, DWDM, SM, DDM, 13dB, 40km			

Table 3: Non-Cisco Transceiver Support of 32G SFP for the vendor Smartoptics

Part Number	Description	Required OS	Supported Platforms	Comments
DS-32G-IR-Dxxxx	SFP28, 8/16/32G FC, DWDM 100GHz, DDM, 7dB, 10km	8.4(1a) and later	Cisco MDS 48 Port 32 Gbps Fibre Channel Switching Module Cisco MDS 9132T Cisco MDS 9148T and MDS 9396T Cisco MDS 9220i Cisco MDS 48 Port 64 Gbps Fibre Channel Switching Module Cisco MDS 9124V and MDS 9148V Cisco MDS 9396V	The Cisco MDS 9220i switch is supported starting from Cisco MDS NX-OS Release 8.5(1). The Cisco MDS 48 Port 64 Gbps Fibre Channel Switching Module is supported from Cisco MDS NX-OS Release 9.2(1). The Cisco MDS 9124V, and MDS 9148V switches are supported from Cisco MDS NX-OS Release9.3(1) The MDS 9396V switch is supported from Cisco MDS NX-OS Release 9.4(1)