

Display Optical Module Status on ESW2-350G Switches

Objectives

The objective of this document is to display the optical module status on ESW2-350G switches. The optical module status shows the operational conditions reported by the Small Form-factor Pluggable (SFP) transceiver. Some of the information might not be available for SFPs that do not support the digital diagnostic monitoring standard SFF-8472.

Applicable Devices

- ESW2-350G
- ESW2-350G-DC

Software Version

- 1.3.0.62

View Optical Module Status

Step 1. Log in to the web configuration utility and choose **Administration > Diagnostics > Optical Module Status**. The *Optical Module Status* page opens:

Optical Module Status								
Optical Module Status Table								
Port	Temperature	Voltage	Current	Output Power	Input Power	Transmitter Fault	Loss of Signal	Data Ready
GE51	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
GE52				10	10	False	False	

The following information is displayed in the Optical Module Status Table:

- Port — Port number to which the SFP is connected.
- Temperature — Temperature in Celsius at which the SFP operates.
- Voltage — Voltage at which the SFP operates in volts.
- Current — Amount of current consumed by the SFP.
- Output Power — Amount of optical power transmitted in watts. An optical power is defined as a degree at which a light reflecting device such as a lens or mirror converges or diverges light. It is the reciprocal of the focal length of the device.
- Input Power — Amount of optical power received in watts.
- Transmitter Fault — The remote SFP reports signal loss. Values of this field can be True, False or No Signal (N/S). True if there are transmitter faults and False if no faults.

- Loss of Signal — The local SFP reports signal loss. Values of this field can be True or False. True if there is a loss in the signal else False.
- Data Ready — SFP is operational or not. Values of this field can be True or False. True if SFP is operational else false.