

SFP and Fiber Optic Testing

The SFP CHECK+LIGHT provides a simple means for verifying SFP transceivers.

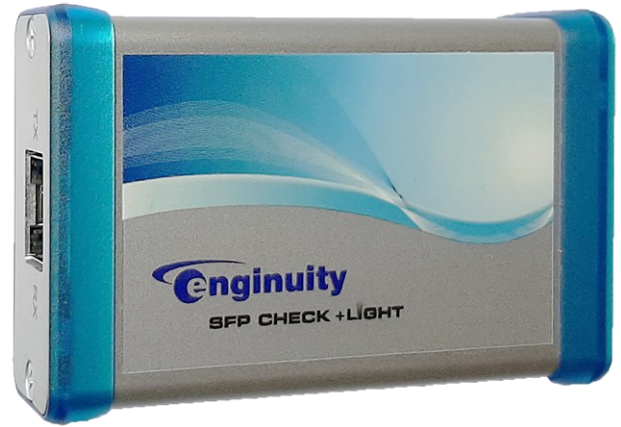
Features

- Provides display of SFP operating characteristics in an easy-read format
- Enables go/no-go evaluation of SFP operation
- Supports SFP and SFP+
- Operates from the default web browser—no software to load
- Connects to PC/laptop via USB connection
- Optional AC adapter for fiber optic testing

The typical SFP has a label on it with the vendor's name and the vendor's part number. But how do you know what it is?

The SFP CHECK +LIGHT reads the internal memory of the SFP and displays details such as the wavelength, description, and range. Loop the transmit signal of the SFP back on itself using a fiber jumper to verify the transmit and receive optical power levels.

The SFP CHECK+LIGHT can also be used as a coarse level optical power meter. Terminate an incoming fiber optic cable with an SFP inserted into the SFP CHECK+LIGHT and display the incoming optical power level.



For dark fiber qualification, plug an SFP into the SFP CHECK+LIGHT to provide a light source. Use an optical test set to measure the optical power levels along a fiber optic path. Matching the wavelength of the SFP to any CWDM or DWDM splitters in the path enables a complete qualification at varying data rates.

Applications

Central Office, Field, and Data Centers

- Verify correct SFP
- Confirm proper transmit/receive levels
- Qualify dark fiber

Distribution Centers and Incoming Inspection

- Verify SFP matches order
- Ensure proper operation

Engineering Labs

- Eliminate stockpiles of "unknown" SFPs
- Qualify SFPs for use

Manufacturing

- Verify proper encoding

Ordering Information

Part Number	SFP CHECK+LIGHT
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Specifications

Dimensions (H x W x D)	3.25 x 2.125 x 1.0 inches
Power	USB port or AC adapter (included)
Temperature	-40° to 65° C
Applicable SFP Specifications	SFF-8472 up to and including Rev 12.2 INF-8074i Rev 1.0 SFP MSA September 14, 2001

Applications

