SFP Reader and Testing Device

All SFPs look alike, having tiny labels that usually provide only cryptic vendor part numbers. It can be a difficult and time-consuming process to determine SFP parameters such as rate (OC3, GigE, 100FX, etc.), wavelength and range and determine if the SFP is functioning.

With the cost of some SFPs exceeding $1000, proper identification is an important means to preserve budgets, salvage loose SFPs for re-use, minimize truck rolls and avoid hours of time spent with trial and error diagnostics.

The SFP CHECK addresses these issues. The SFP CHECK reads the data fields of an SFP transceiver and displays identification information such as wavelength, rate, reach, vendor name, part number, CLEI code and date code. It also displays the status of the transmit laser and the receive signal. When used with SFPs supporting digital diagnostics, the SFP CHECK displays the operational specifications and measured values of voltage, transmit level, receive level, temperature and laser bias current.

Applications

CO, Field and Data Centers
- Verify the correct SFP was issued for the job
- Salvage stockpiles of "unknown" SFPs
- Check the incoming receive signal level from a fiber optic system

Warehouses and Distribution Centers
- Verify the SFP received matches the order
- Test SFP operation

Engineering Labs
- Eliminate stockpiles of "unknown" SFPs
- Diagnose connection issues by verifying SFP parameters
- Test SFP operation
- Qualify new SFPs for field use
The **SFP CHECK** connects to a PC/laptop via a USB cable. No external power is required. Software is *self-contained*—no software to load and the SFP information is displayed using the default web browser.

**Model Name:** SFP CHECK

The SFP CHECK includes the SFP CHECK testing device, USB cable and carrying case.

**Applicable Standards**

The SFP CHECK supports the display of ID information for SFP transceivers manufactured to:

- **SFP MSA September 14, 2001 SFP Multisource Agreement**
- **INF-8074 Rev. 1.0 Specification for SFP Transceiver**

The SFP CHECK supports the display of ID and diagnostic information for SFP transceivers manufactured to:

- **SFF-8472 up to and including Rev. 10.4 Diagnostic Interface for Optical Transceivers**

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Size:</strong></td>
<td>3.25 x 2.125 x 1.00 inches</td>
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<tr>
<td><strong>Power:</strong></td>
<td>No external power required</td>
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<tr>
<td><strong>Operating Temperature:</strong></td>
<td>-40° to +65° C</td>
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