

Zambian Optical Module Specifications

Overview

25Gbps bit rates Hot-pluggable SFP footprint 1310nm FP laser and PIN photo detector, Up to 40km for SMF transmission Compliant with SFP MSA and SFF-8472 with simplex SC receptacle Compatible with RoHS Single +3. 3V power supply Real Time Digital Diagnostic Monitoring Supports up to 1. The optical transceiver is designed for use in 100/155Mbit/s data links. It provides the SC. The 100G-DR-LPO specification by the LPO (Linear Pluggable Optics) MSA defines 100 Gb/s/lane 53. 125 GBd PAM4 optical interfaces, optical links using standard single-mode fiber with up to 500 m reach, and host-module electrical interfaces for hosts with DSP based SerDes and RS(544,514) FEC. This transceiver module, compliant with MSA SFP+ specifications, uses a single-mode fiber (SMF) with a wavelength of 1550nm. With a maximum. SFP (Small Form-factor Pluggable) optical modules are compact, hot-pluggable transceivers that enable network equipment to connect seamlessly to fiber and copper links. These modules, including SFP, SFP+, and SFP28, are widely used in enterprise networks, data centers, and carrier-grade deployments. This document focuses on projection optical modules that incorporate Texas Instruments' DLP Display chips and are designed to project an image onto a surface for a variety of applications, including smartphones, tablets, display projectors, smart home displays, digital signage, AR glasses, and. Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data communications applications.



Article Content

Jun 20, 2026

SFP Optical Module Specifications: Standards & Performance

From electrical and optical parameters to environmental limits and diagnostic capabilities, we explain what each specification means in practice, how it affects real-world performance, and the ...

Dec 08, 2025

Yamasaki Optical

Chassis Modules C620Ci Range: 20 Kilometers Wavelengths: 1310nm Connector: SC Fiber Type: Single Mode 9/125 C640Ci Range: 40 Kilometers Wavelengths: 1310nm Connector: SC Fiber Type: ...

Nov 02, 2025

OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE

This specification defines the electrical connectors, electrical signals and power supplies, mechanical and thermal requirements of the OSFP Module, connector and cage systems.

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Optical module design resources | TI

View the TI Optical module block diagram, product recommendations, reference designs and start designing.

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LPO MSA Specification

It builds on IEEE 802.3 and OIF CEI-112G-LINEAR-PAM4 specifications. It enables Ethernet-like links with 1, 2, 4, or 8 lanes for data centers, using low power, high port density, low cost, and low latency ...

Oct 20, 2025

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data ...

Aug 08, 2025

zambia Ciena 12434 10GBASE-ZR SFP+ 1550nm Optical Transceiver ...

This transceiver module, compliant with MSA SFP+ specifications, uses a single-mode fiber (SMF) with a wavelength of 1550nm. With a maximum reach of 100km, it is ideal for long-distance applications.

Dec 25, 2025

zambia JS-SC31551G-40C 1.25G SFP SC 1310nm-TX/1550nm-RX ...

JIA XUN City product details Jiaxun (Huizhou) Intelligent Technology Co., Ltd. Mainly Focuses on LAN Transformers, Filters, RJ45 Ethernet Connector, Optical Transceivers, SFP Module, SFP Cage, And ...

Jun 24, 2026

TI DLP® System Design: Optical Module Specifications (Rev. C)

This document focuses on projection optical modules that incorporate Texas Instruments' DLP Display chips and are designed to project an image onto a surface for a variety of applications, including ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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