



100G High-Speed Optical Module SF514M-MPO-100M

- Supports transmission distances of up to **100 m** over **OM4 multimode fiber (MMF)**
- Supports data rates of up to **25.78125 Gbps per channel**
- Hot-pluggable QFP28 form factor
- Digital diagnostics compliant with **SFF-8636**
- Compliant with **QSFP28 MSA**
- Case operating temperature range: **0°C to 70°C**
- Low power consumption, **< 2.5 W**

Description



Overview

The **SF514M-MPO-100M QSFP28 transceiver** is designed for **100 Gb/s** links over multimode fiber (MMF). It is compliant with the **QSFP28 Multi-Source Agreement (MSA)** and **IEEE 802.3bm** standards.

The optical transmitter section of the transceiver incorporates a **4-channel VCSEL (Vertical Cavity Surface Emitting Laser) array**, a **4-channel input buffer and laser driver**, diagnostic monitoring, and control and bias circuitry. The module control interface provides a **2-wire serial interface (TWS)** for clock and data communication.

Additional information

Models	SF514M-MPO-100M
Series	Optical Module