



25G High-Speed Optical Module SF511A-LC-10KM

- Supports data rates up to **25.78 Gbps**
- Hot-pluggable **SFP28** form factor
- 1310 nm DFB laser transmitter and PIN photodetector receiver, supporting transmission distances of up to **10 km** over single-mode fiber (SMF)
- Compliant with **SFP28 MSA** and **SFF-8472**, with duplex LC receptacle
- RoHS compliant
- Single **+3.3 V** power supply

Description



Overview

The SF511A-LC-10KM SFP transceiver is compliant with the Small Form-factor Pluggable Multi-Source Agreement (MSA). It integrates an LD driver, a limiting amplifier, Digital Diagnostic Monitoring (DDM), a 1310 nm DFB laser transmitter, and a PIN photodetector receiver in a compact form factor. The module supports transmission distances of up to 10 km over 9/125 μ m single-mode fiber (SMF).

Additional information

Models	SF511A-LC-10KM
Series	Optical Module