



10G Gigabit Optical Module SF412A-LC-10KM

- Supports data rates up to **11.1 Gbps**
- Transmission distance up to **10 km** over **Single-Mode Fiber (SMF)**
- DFB Laser Transmitter and PIN Receiver
- Metal housing minimizes Electromagnetic Interference (EMI)
- 2-wire serial interface supporting Digital Diagnostic Monitoring (DDM)



Description



Overview

The SF412A-LC-10KM SFP+ transceiver is designed in compliance with the Small Form-factor Pluggable Multi-Source Agreement (MSA). It integrates an optical driver, limiting amplifier, digital diagnostic monitoring (DDM), a 1310 nm DFB laser transmitter, and a PIN receiver into a compact module. The transceiver supports transmission distances of up to 10 km over 9/125 μm single-mode fiber (SMF).

Additional information

Models	SF412A-LC-10KM
Series	Optical Module