



100G High-Speed Optical Module SF515A-LC-10KM

- Compliant with **100GBASE-LR4**
- Supports line rates from **103.125 Gbps to 111.81 Gbps**
- Integrated **LAN-WDM TOSA/ROSA**, supporting transmission distances of up to **10 km** over single-mode fiber (SMF)
- Supports **Digital Diagnostic Monitoring (DDM)** interface
- Duplex **LC optical receptacle**
- No external reference clock required

Description



Overview

SF515A-LC-10KM optical transceiver integrates both the transmitter and receiver paths into a single module. On the transmit side, four lanes of serial data are recovered, retimed, and delivered to four laser drivers. The laser drivers control four Distributed Feedback (DFB) lasers with center wavelengths of 1296 nm, 1300 nm, 1305 nm, and 1309 nm, respectively.

Additional information

Models	SF515A-LC-10KM
Series	Optical Module