

Optical Transceiver Modules 150M~4.25G SFP, 10G SFP+ BIDI/CWDM/DWDM, 40G/56G QSFP+



These optical transceiver modules support data rates from 150M to 4.25G SFP, 10G SFP+ BIDI/CWDM/DWDM, and 40G/56G QSFP+. They feature low power consumption, high reliability, and compliance with industry standards.

Overview

High-Performance Optical Connectivity

This optical transceiver module is engineered for high-speed networking, supporting bit rates from 9.95Gb/s to 10.5Gb/s. Designed with an XFP MSA footprint and LC connector, it ensures seamless integration into 10G Ethernet systems. The module features a 1270/1330nm DFB laser and offers reliable transmission distances up to 20km over single-mode fiber, making it an ideal solution for demanding data center and telecommunications environments.

Performance Metrics

Data Rate

10.5 Gb/s

Max Bit Rate

9.95 Gb/s

Min Bit Rate

Max Link Length

20 km

Technical Specifications

Certifications & Compliance

RoHS • CE • FC • IEEE803.3ae

Wavelength

1270nm, 1330nm

Power Dissipation

2 W

Operating Temperature

0°C to 70°C

Compatibility & Applications

Supported Standards

- 10GBASE-LR
- 10GBASE-LW
- 10GBASE-BX

Form Factor

XFP MSA