

QSFP28 100G SR8 Optical Transceiver

This active optical cable module converts electrical signals into optical signals for high-speed transmission. It is suitable for short-distance interconnection of 10 Gigabit network cards, switches, servers, and cloud computing.



Overview

High-Performance 100G Connectivity

The QSFP28 100G SR8 Optical Transceiver is designed for high-speed data communication in demanding environments such as data centers and high-performance computing clusters. It features an 8-lane parallel interface and a compact form factor that ensures high port density and efficient thermal management. Compliant with IEEE802.3 and MSA SFF-8431 standards, this module provides reliable, low-power connectivity for 25G-100G Ethernet and InfiniBand applications.

Technical Specifications

Max Transmission Distance

70 m

OM3 Multimode Fiber

100 m

OM4 Multimode Fiber

Standards Compliance

IEEE802.3 • MSA SFF-8431

Supported Data Rates

10Gbps, 25Gbps, 40Gbps, 100Gbps

Key Features

Operational Features

- Hot swappable electrical interface
- EEPROM burning and customized content
- Small size and light weight
- Low power consumption
- High bandwidth
- Electromagnetic interference resistance

Applications

Compatible Environments

- 25G-100G Ethernet
- InfiniBand SDR, QDR, DDR
- Servers
- Storage systems
- Switches
- Routers