

Dual-optical four-electric multimode fiber optic transceiver



Overview

The QSFP full-duplex optical module offers 4 independent transmit and receive channels, each capable of 10.3125Gbps operation for an aggregate data rate of 40Gbps 300m at max link using OM3 fiber. Its modules are designed to operate over multimode fiber systems using an 850nm VCSEL. Our 40G/100G SWDM4 QSFP28 multi-rate transceiver enables flexible multimode connectivity with extended reach. LC/UPC duplex connector enables seamless. Huawei QSFP28 100G CWDM4 optical transceiver modules are becoming an essential solution for enterprises, cloud providers, telecom operators, and hyperscale data centers seeking reliable and cost-effective 100G network connectivity. The Razor series of fiber optic transceivers with duplex LC connector interfaces support Fast or Gigabit. Multimode Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics.

40/100GBASE-SM4 SWDM4 QSFP28 Dual Rate Optical Transceiver Module (Dual Rate, MMF, 850/880/910/940nm, 100m, LC, DOM) The 40/100GBASE-SM4 SWDM4 QSFP28 Optical Transceiver Module is designed for use in 40/100G Ethernet. In 40 Gbps mode, the transceiver supports link lengths of up to 440 meters over. The QSFP-40G-SR4 module supports link lengths of 100 meters and 150 meters, respectively, on laser-optimized OM3 and OM4 multimode fibers. It primarily enables high-bandwidth 40G optical links over 12-fiber parallel fiber terminated with MPO/MTP multifiber female connectors.

Article Content

1600G OSFP1600 2xDR4 500M 1.6T Optical Transceiver

1.6T Optical Transceiver factory, fiber optic products manufacturers, Offer 1600G OSFP1600 2xDR4 500M 1.6T Optical Transceiver for many years. Factory

Panduit Cable Ordering Guide For Cisco 40G Optics

The QSFP-40G-SR-BD BiDirectional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and interconnect applications using

What Is Fiber Optics? Definition from SearchNetworking

Learn how fiber optics works and why fiber is a common alternative to copper cabling. Also explore the advantages and disadvantages of optical fiber.

Fiber Optic Converters: A Beginner's Guide

A technical guide explaining the various types of fiber optic converters available today, including their signal type, mounting options, and powering.

100G 850 nm MPO Optical Fiber Transceiver Module -

The GAOTek-SCB-121 full-duplex optical module offers 4 independent transmit and receive channels, each capable of 25.78Gbps operation for an aggregate data

40G QSFP Optical Transceiver

Its modules are designed to operate over multimode fiber systems using an 850nm VCSEL laser array. An optical fiber ribbon cable with an MPO/MTP connector

Huawei QSFP28 100G CWDM4 Optical Transceiver Accelerates High

Unlike traditional parallel optics solutions that require multiple fiber pairs, CWDM4 technology multiplexes four optical wavelengths into a single duplex fiber connection. This

Compatible Multimode Dual Optical Fiber Transceiver 850nm SFP

Compatible Multimode Dual Optical Fiber Transceiver 850nm SFP+ 10G SR 300M DDM Module Duplex LC Connector for FTTH 5-Year

HP SFP 10GB SR

\$100-120 MOQ: 10 pieces Wholesale Discount 10G SFP + BiDi SM 1270/1330 1490/1550 40km Simplex LC DDM 10Gbps Data Rate Fiber Optic Transceivers \$20-80 MOQ: 1 piece Best Selling Optoray SM

Fiber Optic Components Market Report 2025

The fiber optic components market is experiencing strong growth driven by escalating demand for high-speed, reliable internet connectivity and the

Dell networking transceivers and cables

Dell networking transceivers and cables 2026 Dell Inc. or its subsidiaries. broken out into four individual 10GbE SFP+ interfaces. This solution can be deployed with a single active optical cable (AOC) with

40G and 100G Compatible Rate QSFP28 SWDM4

10Gtek's 40G/100G QSFP28 SWDM4 transceiver modules are designed for use in 40G/100G Ethernet links over duplex multimode fiber. Four channels/lanes in the

Razor Optical Transceiver

Razor series fiber optic with duplex LC interface is designed for military, petrochemical, mining, industrial or utility applications, where significant levels of

Optical Transceiver Market Size, Growth Drivers

The Optical Transceiver Market worth USD 15.42 billion in 2026 is growing at a CAGR of 13.67% to reach USD 29.26 billion by 2031. Coherent

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First, pick up the most relevant optical transceiver

11 Best Fiber Optic Switch Modules for 2026 Networking

Discover the top 11 fiber optic switch modules for 2026 networking that can elevate your infrastructure—continue reading to find the perfect fit for

Multimode Fiber Optic Transmitters, Receivers, Transceivers

Mouser offers inventory, pricing, & datasheets for Multimode Fiber Optic Transmitters, Receivers, Transceivers.

HP SFP 10GB SR

Factory Wholesale 10GBASE-SR SFP + Fiber Optic Transceiver SFP - 10GB - SR-MM Multimode Module for Telecom Use \$10 MOQ: 20 pieces 10G SFP + SR 850nm 300m LC Multimode Dual-fibre

Parallel Optic Technology

Parallel optics offers an economical solution that typically utilizes OM3 and OM4 multimode fibers, which are optimized for use with VCSEL array sources. For speeds faster than 28G, parallel optics

HP SFP 10GB SR

10Gb SR SFP -10G-LR SFP -10G- SR Optical Module \$62.50-65 MOQ: 1 piece Avago Original SFBR-7705SDZ-GL2 10G SFP SR multi mode dual fiber 850nm 300m SFP + optic module transceiver \$5

Legrand AV | C2G | USB-C Docking Stations, HDMI, HDBaseT,

The C2G Thunderbolt™ 5 USB-C Cable is Intel®-certified and designed for ultra-fast data transfer, high-resolution video, and powerful device charging.

Genuine Transceiver Modules

GenuineModules is a reliable supplier of optical interconnect products for use in fiber optic networking, including optical transceiver modules, direct attach cables,

Optical Transceiver Market Report 2026

Two primary types of optical transceivers exist such as single-mode fiber and multimode fiber. A single-mode fiber transceiver, contained within an optical

Boost Connectivity with Reliable optic data transmitt Solutions for ...

Find advanced optic data transmitt answers for quick and dependable data flow. Use modern technologies to improve connection for flawless communication.

Hilink Optics QSFP QSPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

Optical Transceiver Market Size, Share, and Trends Analysis 2032

Optical Transceiver Market Trends “Rising Adoption of Co-Packaged Optics in Data Centers” • Co-packaged optics is emerging as a transformative innovation by integrating optical engines directly

Contact Us

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