

Swedish Enterprise-Grade 40G Optical Router



Overview

The STC-50006 is a high-performance 40Gbps QSFP+ LR4 optical transceiver with MTP/MPO interface, designed for long-haul single-mode fiber (SMF) transmission up to 10 kilometers. Today, we're breaking down everything you need to know about this powerful optical module. □□□□ What is a QSFP-40G-ER4 Transceiver?

The QSFP-40G-ER4. Support 40G ethernet, data center, enterprise, and Infiniband applications with Precision OT's range of 40G QSFP+ optical transceivers for link distances of a few meters up to 80km. This includes short. QSFPTEK is a leading high-tech company which providing innovative network solutions for telecom/Datacenter. Operating across four CWDM wavelengths (1271nm, 1291nm, 1311nm, and. An Optical Transceiver is a critical optoelectronic component that facilitates seamless electro-optical (E-O) and photo-electric (O-E) conversion within fiber-optic networks. Unitekfiber, a global optical transceiver wholesaler, provides a comprehensive portfolio of MSA-compliant.



Article Content

Nov 15, 2025

40G QSFP Transceiver

QSFPTEK offers 40G transceivers with QSFP form factor, enabling customers cost-effective, high-density, and low-power 40G Ethernet connectivity solutions. Portfolio includes 40G QSFP SR4, LR4, ...

Sep 21, 2025

QSFP 40G Optical Transceivers | Precision OT

Find 40G optical transceivers that meet your system and network needs, including QSFP+ and a variety of cables enabling 40Gb/s Ethernet speeds.

Nov 12, 2025

Wholesale Optical Transceivers Module | 100G ...

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical ...

Jan 01, 2026

QSFP 40G ER4 Transceiver: 40km Long-Reach Optical Solution

Discover QSFP 40G ER4 transceivers for 40km long-distance transmission. Learn features, use cases, compatibility, pricing, and how to choose the right module.

Aug 17, 2025

FS QSFP-ER4-40G 40GBASE-ER4 40G QSFP

With these features, this easy to install, hot swappable transceiver is suitable to ...

Sep 12, 2025

FS QSFP-ER4-40G 40GBASE-ER4 40G QSFP+ Transceiver

With these features, this easy to install, hot swappable transceiver is suitable to be used in various applications, such as data centers, high-performance computing networks, enterprise core and ...

Nov 24, 2025

40G QSFP+ LR4 MTP/MPO 10km

The STC-50006 is a high-performance 40Gbps QSFP+ LR4 optical transceiver with MTP/MPO interface, designed for long-haul single-mode fiber (SMF) transmission up to 10 kilometers.

Mar 21, 2026

Custom 40GBASE-SR4 QSFP+ Module | 850nm 150m MPO

Order reliable qsfp-40g-sr4 transceivers. Engineered with 850nm VCSEL arrays and an MTP/MPO interface for seamless 40gb network switch connectivity.

Mar 15, 2026

40G QSFP+ High-Speed Networking

40G QSFP+, QSFP+ transceivers, high-speed networking, data center solutions, reliable connectivity, optical transceivers - EN

Mar 25, 2026

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical support & wholesale pricing.

Aug 08, 2025

QSFP-40G-ER4 Demystified: Your Guide to 40Gbps Over 40km

The QSFP-40G-ER4 (Quad Small Form-factor Pluggable 40G Extended Reach) is a hot-swappable, optical fiber transceiver module. It's designed for long-haul communications, transmitting ...

Jul 24, 2026

QSFP Router Compatibility and Performance: The Ultimate Guide to ...

The QSFP-40GE-LR4 optical module is compatible with various routers, including Cisco, Huawei, and MikroTik, offering reliable 40Gbps performance over long distances with proper configuration and ...

Contact Us

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