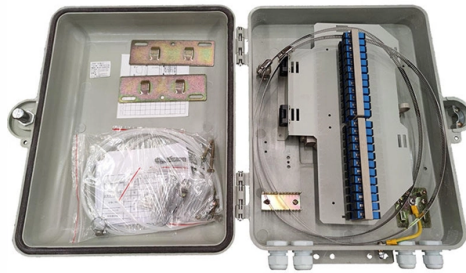


40G optical module for long distance



Overview

QSFP 40G 80km transceivers are designed for long-distance 40Gbps links where standard LR4 (10km) or ER4 (40km) optics cannot meet reach requirements. They are typically deployed in metro networks, inter-campus backbones, and data center interconnect (DCI) scenarios that require up to 80km. FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications. Click to get your 40G QSFP+ transceiver modules from nearby warehouses. Trusted by 260K+. Description: Explore the 40G ZR4 QSFP+ optical module—the key to affordable 80km long-haul transmission for 5G backbone networks, data center interconnects (DCI), and enterprise WANs. Discover its technology, benefits, and applications. This module features a built-in pair of 4-channel MUX and DEMUX.



Article Content

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The 40G ZR4 optical module, with its ultra-long-distance transmission capability of 80km, has become a cost-effective choice for bridging 10G and 100G, with ETU-LINK products gaining market favor for ...

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This guide explains what QSFP 40G 80km modules are, how they work, their key specifications, and when they are the right choice for long-distance optical networking.

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In summary, the 40G ZR4 optical module has established itself as a benchmark in the mid-high-end long-haul market by masterfully combining 80km reach, high cost-effectiveness, and ...

[Cisco 40GBASE QSFP Modules Data Sheet](#)

The QSFP-40G-CSR-S is a pluggable optical transceiver with a duplex LC connector interface used for connectivity using MultiMode Fiber (MMF). The Cisco 40GBASE-CSR Modules ...

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GIGALIGHT 40G QSFP+ ZR4 optical transceiver module is designed for long-distance interconnectivity in data centers. It complies with the 40G Ethernet transmission protocol and supports dual rates of ...

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Operating at a data rate of 40 Gbps, this module is capable of transmitting data up to 10 kilometers over single-mode fiber (SMF), offering a robust solution for long-haul communications.

Contact Us

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