

# Bangladesh Railway Communication SFP Optical Module QSFP28



## Overview

The QSFP28-100G-ZR4-S Module is designed for use in 100GBASE Ethernet throughput up to 80km over single mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. Taking BOX+FPC+PCBA separate design, it has great reliability, airtightness and heat dissipation. Huawei 100Gbps QSFP28 Optical Modules deliver high-speed, high-density optical connectivity for data centers, cloud networks, and metro networks. Offering multiple models—QSFP-100G-SR4, QSFP-100G-LR4, QSFP-100G-ER4, and QSFP-100G-CWDM4—each module is optimized for different transmission distances. This Small Form-Factor Pluggable (SFP) module is a compact, pluggable transceiver module that is used in your networking and telecommunication system. It is mainly used for fast data transfer over Ethernet, fiber optic or copper cables, and is also suitable for installation in switches, routers. The FS® 100GBASE Quad Small Form-Factor Pluggable (QSFP28) portfolio offers customers a wide variety of high-density and low-power 100 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. About the NEO COM NEO-QSFP28-100G-LR13-40 100G LR4 Dual Fiber SFP Module The NEO COM NEO-QSFP28-100G-LR13-40 100G LR4 Dual Fiber SFP Module is a high-performance optical transceiver designed for long-range 100Gbps data transmission. The module converts 4 input channels of 25Gb/s electrical data to 4 channels of LAN WDM optical signals and then multiplexes them into a single channel for 100Gb/s optical. FS offers a growing portfolio of 100G QSFP28 modules.

## Article Content

Dec 04, 2025

### 10G SFP Module Price in Bangladesh 2026

Best 10G SFP Module Price List in Bangladesh (BD) – May, 2026 Below is the updated list of the best 10G SFP Module available in Bangladesh for May, 2026. This price list is calculated based on the

Apr 21, 2026

### SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28

To explore the compatibility between SFP and SFP+, SFP28 and SFP+, as well as QSFP28 and QSFP+, check out this post for detailed insights.

Feb 03, 2026

### SFP Optical Modules: The Essential Bridge in Modern

SFP optical modules are essential components in cutting-edge network infrastructure, enabling high-speed, reliable fiber optic communication.

Jul 09, 2025

### QSFP28 Transceiver: The Ultimate 100G Optical

Discover ascentoptics about QSFP28 transceiver solutions. Master 100G optical modules with in-depth insights and trusted guidance.

Sep 04, 2025

### 100Gbps QSFP28 Optical Modules

100Gbps QSFP28 Optical Modules QSFP-100G-CWDM4 QSFP28-100G-LR4  
QSFP28-100G-SR4 QSFP-100G-4WDM-40 QSFP-100G-CWDM4-ISP QSFP-100G-CWDM4-Lite QSFP-100G-ER4

Sep 15, 2025

### 100G QSFP28 Transceiver Modules | Optical

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and

Jul 13, 2025

### SFP vs. SFP+ vs. QSFP: Key Differences

SFP modules are the most affordable but also the least capable. Conversely, while QSFP modules and, particularly, advanced versions like

Dec 06, 2025

SFP vs SFP28 vs QSFP – Key Differences for Data

Learn the differences between SFP, SFP+, SFP28, QSFP, and QSFP28. Understand speed, channels, and applications for data centers and

Apr 22, 2026

The Differences Between SFP, SFP+, SFP28 vs

Learn the differences between SFP, SFP+, SFP28, and QSFP28 transceivers. Which are compatible? Which deliver better performance? Find

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SFP Module Price in Bangladesh 2026

PDF file

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

The 100GBASE-LR Single Lambda QSFP28 Optical Transceiver Module is designed for use in 100GBASE Ethernet throughput upto 10km over single mode fiber (SMF) using a wavelength of

Nov 14, 2025

NEO COM NEO-QSFP28-100G-LR13-40 100G LR4

The NEO COM NEO-QSFP28-100G-LR13-40 100G LR4 Dual Fiber SFP Module is a high-performance optical transceiver designed for long-range 100Gbps data

Sep 08, 2025

SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD,

Initial Published: February 19, 2022 The optical transceiver plays a crucial role in modern fiber networking. Various high-speed transceiver types are

Sep 01, 2025

Solitone 100G LR4 QSFP28 Module 100m Price in Bangladesh

Buy Solitone 100G LR4 QSFP28 Module – 850nm, MPO Connector, 100m, DDM at the best price in Bangladesh. High-speed 100Gbps transceiver for short-range data center connectivity.

Sep 17, 2025

100G QSFP28 & SFP-DD Transceiver Module Installation Guide | FS

Audience: This installation note provides instructions for installing FS Quad Small Form-factor Pluggable 28 (QSFP28) and Small Form-factor Pluggable Double Density (SFP-DD) transceiver modules.

Sep 11, 2025

What is SFP, SFP+, SFP28, QSFP+, and QSFP28 Fiber

In the realm of fiber optic communication, SFP, SFP+, SFP28, QSFP+, and QSFP28 are distinct types of transceivers that play crucial roles in

May 13, 2026

Features and Applications of the 100G QSFP28

Discover the key features and applications of 100G QSFP28 Multimode optical transceiver modules in the context of cloud computing and 5G networks.

Aug 21, 2025

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026 Optical Transceiver Selection Guide  
A practical, engineer-friendly guide to choosing the

Oct 16, 2025

Huawei 100Gbps QSFP28 Optical Modules Price in BD

Designed in QSFP28 form factor, these modules provide reliable, energy-efficient solutions for 100 Gbps Ethernet applications. Supporting multimode and

Oct 03, 2025

100Gb/s QSFP28 ZR4 BIDI 80km

The module converts 4 input channels of 25Gb/s electrical data to 4 channels of LAN WDM optical signals and then multiplexes them into a single channel for 100Gb/s

Oct 07, 2025

What is an SFP Module? An Ultimate Guide | SFP

What is an SFP Module? Small Form-factor Pluggable (SFP) module is a compact, hot-swappable transceiver used for both telecommunication and

May 27, 2026

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

Compare SFP, SFP+, SFP28, QSFP+ and QSFP28 in this 2026 selection guide. Learn where each form factor fits, decision rules, cost and risk

Apr 14, 2026

Optical transceiver form factors –

There are some fundamental differences between SFP+, SFP28, QSFP+, SFP28, QSFP28, and QSFP56. These "form factors" or pluggable optical

Oct 25, 2025

Optical Transceiver Manufacturer, The Difference

QSFP+ optical modules can be used directly when deploying 40G networks, thereby effectively saving costs while increasing port density. What is a

Dec 04, 2025

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

What is a QSFP & QSFP+ Transceiver? QSFP stands for Quad Small Form-factor Pluggable. By integrating four-lane signals into a single module, it

Jul 13, 2025

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP

In the data center, various types of optic module transceiver are seen everywhere, such as SFP, SFP+, XFP, SFP28, QSFP/QSFP+, CFP and QSFP28. However, for those who get in touch

Feb 19, 2026

What is an SFP? Learn how SFP transceivers work,

Discover what an SFP module is, how it works, and which type you need for your fiber or copper network. Complete SFP guide for 2025.

Feb 16, 2026

Understanding SFP Modules: A Complete Guide for Business Solutions

SFP modules support various data rates, from legacy 1Gbps systems to cutting-edge 100Gbps deployments. The distance a signal can travel depends on the module type, fiber quality,

Dec 15, 2025

The Big Differences Between SFP, SFP+, SFP28,

The SFP is a compact optical module used in telecommunications and data communications. Supporting speeds up to 1 Gbps, it's prevalent in

Dec 06, 2025

## OSFP vs. QSFP vs. SFP: Which Is Right for You?

Confused about the differences between OSFP, QSFP, and SFP? This guide explains their distinct features, applications, and helps you choose the

Mar 14, 2026

## What is SFP Module and How to Choose it

The unique design of the SFP module ensures stable operation in extreme environmental conditions such as high temperature, humidity and

Jul 25, 2025

## Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable

May 10, 2026

## Huawei QSFP28-100G-LR4 Optical Transceivers Price

This module offers a reliable and scalable solution for data centers and telecommunications networks requiring 100Gbps transmission rates. With a

Apr 22, 2026

## 100G Optical Module Selection Guide: Advantages and Types of QSFP28

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

Jul 23, 2025

## What Is an SFP Module and How to Choose It? (2026)

Discover what an SFP module is and how to choose the right one in 2026. Compare SFP, SFP+, and QSFP28. For the ultimate technical guide, see

May 13, 2026

## Huawei QSFP28-100G-LR4 Optical Transceivers Price

With a transmission distance of up to 10 kilometers, the Huawei QSFP28-100G-LR4 is perfect for long-haul optical communication. It adheres to the 100GBASE-LR4

Mar 31, 2026

## Understanding the Differences of SFP, SFP+, SFP28,

Compare SFP, SFP+, SFP28, QSFP+, and QSFP28 optical transceivers. Learn how form factors affect speed, compatibility, and performance

Mar 25, 2026

#### SFP & FIBRE EXPLAINED

SFP modules play a crucial role in enabling high-speed communication between switches and various network components, including routers and other devices. They are primarily utilised with both

Jan 05, 2026

#### SFP SFP+ QSFP Modules: Speed, Distance & Network

Compare SFP, SFP+ and QSFP modules by speed, distance, density and use-case to choose the best transceiver for your fibre network setup.

## Contact Us

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