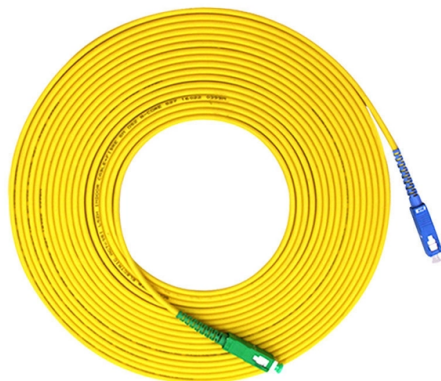


40G Nordic Stock Optical Receiver



Overview

Launched in 2012 it is larger in dimensions than SFP+ optical transceivers and covers distances of between 100m and 40km. It is the main and dominant form factor for data rates at 40 Gbps.

Key Takeaways

The 40G Nordic Stock Optical Receiver is a QSFP+ transceiver module supporting 40Gbps data rates, available in both multimode and single-mode fiber configurations with Nordic stock availability.

Overview

The 40G Nordic Stock Optical Receiver refers to 40G QSFP+ optical transceivers stocked by Nordic distributors such as Pro Optix and Navigator Nordic. These modules are designed for high-speed data center, enterprise, and carrier networks, providing reliable 40Gbps full-duplex connectivity.

Key Specifications

Data Rate: 40Gbps aggregate, typically using 4 channels of 10.3125Gbps each. Fiber Type: Available in multimode (MMF) for short-reach (SR4) and single-mode (SMF) for long-reach (LR4, ER4) applications.

Wavelength: SR4 modules operate at 850nm, LR4/ER4 modules at 1270-1330nm.

Reach: SR4: up to 100-300m over OM3 multimode fiber. LR4: up to 10-20km over single-mode fiber.

ER4: up to 40km over single-mode fiber. Connector Type: MPO/MTP for parallel multimode, LC duplex for single-mode modules. Compliance: IEEE 802.

3ba 40G Ethernet, QSFP MSA, Infiniband QDR/DDR standards. Power Supply: Single +3.3V operation.

Diagnostics: Built-in digital monitoring for temperature, voltage, and optical power.

Nordic Availability and Support

Pro Optix offers the NOK-QSFP-40G-SR4-O, equivalent to Nokia (Alcatel-Lucent) original transceivers, with 3-year warranty and next-day delivery from European stock. Navigator Nordic stocks multiple 40G QSFP+ modules compatible with vendors like Juniper, Mellanox, HP, and Mikrotik, providing expert support and lifetime warranty.

F

S and T1 Nexus also provide 40G QSFP+ modules with varying reach and fiber types, suitable for data center and high-density switching applications.

Advantages

High Port Density: Parallel channels allow multiple 10Gbps lanes in a single QSFP+ module, reducing system cost. Flexibility: Supports both short-reach multimode and long-reach single-mode deployments. Vendor Compatibility: Many modules are compatible with major networking brands, ensuring seamless integration.

Warranty and Support: Nordic distributors provide warranties, technical support, and fast delivery, ensuring reliability for enterprise and carrier networks.

Summary

The 40G Nordic Stock Optical Receiver is a versatile, high-speed QSFP+ transceiver suitable for short- and long-reach applications. Nordic distributors like Pro Optix and Navigator Nordic provide ready stock, warranty, and technical support, making it a reliable choice for upgrading or expanding 40Gbps network infrastructure.

Article Content

NOK-QSFP-40G-eSR4-O Nokia (Alcatel-Lucent) QSFP+ Fiber Optical ...

Launched in 2012 it is larger in dimensions than SFP+ optical transceivers and covers distances of between 100m and 40km. It is the main and dominant form factor for data rates at 40 Gbps.

40G QSFP+ Transceiver Modules | Optical Transceivers

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.

QSFP+ Optical Transceivers | Multi-Brand Compatible

The module converts 4 inputs channel of 10Gb/s electrical data to 4 CWDM optical signals, and multiplexes them into a single channel for 40Gb/s optical transmission.

40G QSFP+ TRANSCEIVERS | Smartoptics

Long-range single-mode QSFP+ - Enables reliable 40G transmission up to 10 kilometers over single-mode fiber with LC connectors, suitable for metro and regional networks.

40G QSFP Optical Transceiver

40G QSFP Optical Transceiver provides 40Gbps speeds over a distance of up to 80km over SMF (with DCM and EDFA).

40G QSFP Optical Transceiver

The module converts 4 input channels (Ch) of 10Gb/s electrical data to 4 CWDM optical signals and multiplexes them into a single channel for 40Gb/s optical

40G Optical Transceivers and Cables Portfolio | FS

The series of product adopts LC or MTP/MPO connector and operates over Single Mode or Multimode optical fiber. They can be used for connections from 150m up to 40km and are suitable for 40G

QSFP+ eSR4 40GbE Universal Optical Transceiver

The 40G QSFP+ eSR4 optical transceiver transmits data over multi mode fibre at a distance of up to 300m. The transceiver operates on 4 wavelengths and works in

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.

PR-40G-M 40 Gb/s Photoreceiver

The Optilab PR-40G-M is a high speed photoreceiver module. Featuring 30 GHz bandwidth and 3000 V/W differential conversion gain, this module can be used in

Cisco Compatible 40GBASE-LX4 QSFP+ 40G 1310nm MMF

40G-QSFP-LX4 is a versatile transceiver module designed for high-speed optical transmission applications over both multimode fiber (MMF) and single-mode fiber (SMF).

An Integrated 40 Gbit/s Optical Costas Receiver

Abstract—In this paper, a highly-integrated widely-tunable optical homodyne receiver is reported with 40 Gbaud/s data rate. By using photonic and electronic integration, the receiver is realized within a

DP-QPSK 100 Gb/400 Gb Coherent Optical Receiver Lab Buddy

Description: The DSC-R413 is an O/E instrument designed to convert DP-QPSK optical data to differential electrical signals. The R413 offers several user-adjustable characteristics such as RF

Cisco QSFP-40G-BD-RX40G QSFP BIDI Module Receiver Only

Cisco QSFP-40G-BD-RX Compatible 40G QSFP+ SR Bi-Directional Optic Module (850nm, 900nm MMF 100m/150m Duplex LC Receiver Only) 40G QSFP+ SR Bi-Directional receiver integrates receiver on

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical connection, and digital diagnostic interface.

FS QSFP-LX4-40G 40GBASE-LX4 40G QSFP+ Transceiver

FS QSFP-LX4-40G Compatible 40GBASE-LX4 QSFP+ Optical Transceiver Module (SMF/MMF, 1310nm, 150m/2km, LC, DOM) The QSFP+ module is designed for use in 40GBASE

PRE-QSFP-ZR4

Optical Characteristics: Receiver ... Note 1: Measured with PRBS 231-1 test pattern, 10.3125Gb/s, BER 5.0E-5

QSFP-40G-LR4 40G QSFP+ LR4 Transceiver Data Sheet

Description Optcore's QSFP-40G-LR4 is a high performance and cost-effective QSFP+ transceiver designed for 40GBase-LR4 Gigabit Ethernet applications. The 40GBase-LR4 QSFP+ transceiver

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://artduferoger.fr>

Technical inquiry: <https://artduferoger.fr/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

