

Uganda 40km optical module



Overview

The LS-SM3101-40I SFP transceivers are high performance, cost effective modules supporting data rate of 125Mbps/155Mbps and 40km transmission distance with SMF. The transceiver consists of three sections: a FP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control. In modern optical transport networks, 100G optical modules with a transmission distance of 40km have emerged as a core technology to meet the needs of carriers' backbone networks, large enterprises, and cloud service providers. Depending on different application scenarios and technical. An Optical transceiver module is the core part of optical communication devices. Hot Pluggable QSFP28 form factor. The module converts 4 inputs channels (ch) of 10Gb/s electrical data to 4 CWDM optical signals, and multiplexes them into a single channel for 40Gb/s optical transmission.



Article Content

1.25Gb/s 40km CWDM SFP EX Transceiver Module

Buy 1.25Gb/s CWDM 1270~1610nm 40km SFP EX Optical Transceiver from Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back

RT-QSFP-40G-ER4 40GBASE-ER4 QSFP+ 1310nm 40km

The design is compliant to 40GBASE-LR4 of the IEEE P802.3ba standard. The module converts 4 inputs channels (ch) of 10Gb/s electrical data to 4 CWDM optical signals, and multiplexes them into a

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40G QSFP+ ER4 CWDM4 40km Optical Transceiver | AscentOptics

QSFP+ 40G ER4 CWDM4 is a transceiver module for 40km optical communication and compliant to the IEEE P802.3ba standard, with QSFP MSA compliant - AscentOptics.

100G QSFP28 4WDM-40 DML 40KM

The INTCERA 100G QSFP28 4WDM-40 DML 40km optical transceiver (GQS-SPO101-4ER4C) is a 100Gb/s transceiver module designed for optical communication applications compliant to QSFP and

100G ER4 QSFP28 40km Duplex LC/UPC SMF Optical

The 100G QSFP28 ER4 optical transceiver is a high-performance, hot-pluggable module designed for 100 Gigabit Ethernet (100GBASE-ER4) applications over

SFP-GE-LH40-SM1550nm/SM1310nm-BIDI 1.25G 40KM Transceivers

In order to meet a variety of needs of transmission, the manufacturers launched a variety of categories of optical modules. Below are some common methods to classify them. The higher the transmission

10GBASE-ER SFP+ 40km 1550nm | EDGE Optical

10GBASE-ER SFP+ for 40 km SMF at 1550 nm. Multi-rate 1GE/10GE plus 1G to 10G FC and STM-64. 15 dB budget, DOM, LC duplex. EU stock + lifetime warranty.

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

LINK-PP 's optical modules, including their QSFP-40G-ER4 transceiver, are rigorously tested to ensure 100% compatibility with major OEM

Extend Your 100G Reach to 40km Transmission with FS Optics

FS offers a wide range of 100G optical modules supporting transmission distances up to 40km. Purpose-built for DCI, metropolitan area networks, and telecom backbone networks, these

10G XFP ER 1550nm 40km Optical Transceiver

10G XFP 10G XFP ER 1550nm 40km Transceivers The XFP module is compliant with the 10G Small Form-Factor Pluggable (XFP) Multi-Source Agreement

Uganda LS-SM3101-40I SFP 155Mbps SMF Optical Transceiver

The LS-SM3101-40I SFP transceivers are high performance, cost effective modules supporting data rate of 125Mbps/155Mbps and 40km transmission distance with SMF.

40km DCF-based Passive Dispersion Compensation

FiberMall passive dispersion compensation module utilizes a 40km DCF-based design with an impressively low loss of only 4.8 dB, a choice optical networking

What Are The 10 GBIT/s SFP+ Optical Modules With A

2. 10G SFP+ 40KM optical module □1550nm□ 10G SFP+ 40KM optical module, also known as 10G ER in the industry, is equipped with

High-performance 1000base-ex SFP Module for Gigabit

Experience high-performance 1000BASE-EX SFP 1310nm 40km optical transceiver module with HOLIGHT. Compliant with IEEE 802.3z and SFP

SFP-S1213L-40 1.25G SFP Module 40KM

1.25Gbps SFP Transceiver SM 1310nm 40km LC. Compliant with SFP MSA and SFF-8472. Digital Diagnostic Monitoring. Commercial and Industrial SFP is

SFP 40km vs. DWDM SFP: Which to Choose

This module supports 1Gb data rates and operates with single-mode fiber optics, incorporating advanced modulation technologies to ensure signal integrity over long distances.

QSFP-100G-ER4 100Gbps QSFP28 Transceiver, SM,

100Gbps QSFP28 ER4 Transceiver, SM, 40KM. Supports 103.1Gb/s aggregate bit rate. 4x25G electrical interface. Hot Pluggable QSFP28 form factor.

Huawei QSFP-40G-SR4 SFP Huawei sfp 40g price and

Huawei QSFP-40G-SR4 SFP is 40GBase-ER4 Optical Transceiver, QSFP+, 40G, Single-mode Module (1310nm, 40km, LC) Huawei QSFP

DCM 40km Passive Dispersion Compensation Module

FiberMall offers Passive Dispersion Compensation Modules (DCM) that are based on DCF for DWDM system applications and feature a compensation length of 40km.

Fibre Optic Price in Uganda: 2026 Cost Breakdown | Backspace

Complete fibre optic pricing guide for Uganda in 2026. Cost breakdown for single-mode and multi-mode fiber cable, installation, and splicing services.

100G QSFP+ 1550nm Transceiver with 40km Range

This 100G QSFP+ transceiver offers a 40km range at 1550nm wavelength, dual fiber LC connectors, and digital diagnostics for efficient communication.

10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver

Get 10G BiDi SFP+ TX1550nm/RX1490nm 70KM LC Optical Transceiver from ETU-Link Technology CO., LTD, we supply excellent SFP+ 10G BiDi 70KM SFP Module. Long using life, high

40KM DCF Passive Dispersion Compensation Fiber

QSFPTEK's 40km Dispersion Compensation Fiber (DCF) Pluggable Module is used in optical transmission systems to repair optical signals distorted

40GBASE-ER4 QSFP+ 1310nm 40km Industrial

Downloads The TQPL40DI is a transceiver module designed for 40km optical communication applications. The design is compliant to 40GBASE-ER4 of the

Huawei 34060568 Datasheet

Huawei 34060568 Datasheet Huawei Optical Transceiver, TXFP, C band, 9.95~11.3Gb/s, LC, SM, 40km

100G QSFP28 ER4 40km Optical Module

HTFuture's 100G QSFP28 ER4 Optical Module supports 40km SMF transmission at 100Gbps, ideal for high-speed data centers and telecom applications.

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic

40G QSFP optical modules can provide high-density and low-power 40G Ethernet high-speed interconnection for data centers, high-performance

40/60KM TTL Optical Transceiver Module for Drones

The platform and merchants assume no related legal liability. High-performance TTL to Fiber Optic Module The 40/60 KM Sky/Earth TTL Optical Transceiver Module

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