

# Cob optical module QSFP28LR4



## Overview

This optical transmitter module uses four lanes of 25G to reach a total of 100G. It is the perfect tool for modern data centers. You get high density and high speed in one small package. It fits into any standard QSFP28 port. Experience effortless 100G speed with our QSFP28 QSFP28 LR4 Fiber Optical Transmitter Module. What Is LR4?

The QSFP28 LR4 is a hot-pluggable, four-channel, and full-duplex optical transceiver module designed for long-distance transmission. Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802.3bm, SFF-8636 and other standards; With low power consumption and small size, it is mainly used in 100G data center. Currently, 100G optical modules are being deployed across a variety of scenarios. Optical modules are classified by their packaging forms, with common types including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, QSFP112, and.

## Article Content

100GBASE-LR4 QSFP28 1310nm 10km COB SMF Module for

Extreme 100G-QSFP28-LR4-10KM compatible 100G QSFP28 COB optical transceiver comes with an LC duplex connector. It is compliant with QSFP28 MSA (SFF-8665) and IEEE 802.3ba 100GBASE

What Is QSFP28 LR4? In-Depth Analysis of Long

QSFP28 LR4 modules enable reliable long-distance 100G fiber optic links up to 10km, combining 4x25G lanes with WDM technology for high

100Gb/s QSFP28 Transceivers | Optical Interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

Cisco QSFP-100G-eLR4-S Compatible,COB Packaging 100GBASE

Cisco QSFP-100G-eLR4-S Compatible,COB Packaging 100GBASE-LR4 QSFP28 1310nm 20km LC SMF DOM Optical Transceiver Module for Data Center,100G QSFP28,Fiber Optic Transceivers

100G QSFP28 LR4 (COB) Transceiver

Products 100G QSFP28 LR4 (COB) Transceiver Part # : WST-QS28-LR4c-C Category : 100G/40G QSFP, Transceiver Module

100G 10KM QSFP28 LR4 Fiber Optical Transmitter Module Optic

Experience effortless 100G speed with our QSFP28 QSFP28 LR4 Fiber Optical Transmitter Module. This 10km Optic Transceiver delivers fast, reliable data results.

100Gb/s QSFP28 LR4 Transceiver QSFP28-100G-LR4

General Description 100G QSFP28 LR4 optical Transceiver integrates receiver and transmitter path on one module. In the transmit side, four lanes of serial data streams are recovered, retimed, and

QSFP-100G-LR4 100GBASE-LR4 QSFP28 Transceiver

Generic QSFP-100G-LR4 100GBASE-LR4 QSFP28 optical transceiver provides 100Gbe links up to 10km over OS2 (SMF) at 1310nm using LC Duplex interface.

Juniper Networks JNP-QSFP-100G-LR4 Compatible, COB Packaging

Juniper Networks JNP-QSFP-100G-LR4 Compatible, COB Packaging 100GBASE-LR4 QSFP28 1310nm 10km LC SMF DOM Optical Transceiver Module for Data Center, 100G QSFP28, Fiber Optic

Huawei QSFP28-100G-LR4 Optical Module Datasheet

transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals.

100GBASE-LR4 QSFP28 1310nm 10km COB SMF Module for Check

Check Point QSFP-100G-LR4 optical module using COB packaging technology supports 4x25G data transmission mode with high port density, low power consumption and low cost. NADDOD 100G

HW 02311KNU Compatible 100G-LR4 QSFP28 1310nm 10km COB SMF Module

HW 02311KNU Compatible QSFP-100G-LR4 optical module using COB packaging technology is designed for 100G Ethernet network, supporting 4x25G data transmission with high port density, low

Optical QSFP28 100G LR4 Transceiver 10km 1310nm

Product Description Cost-Effective COB Packaging Technology for 100G QSFP28 LR4 10km 1310nm Optical Module This 100GBASE-LR4 QSFP28 takes

100GBASE-LR4 QSFP28 1310nm 10km DOM LC SMF

The QSFP28 module provides 100GBase-LR4 throughput up to 10km over a standard pair of single mode fiber (SMF) with duplex LC

FS COB vs. BOX 100GBASE-LR4 QSFP28 Transceiver Difference

The difference in transceiver packaging technology is also one of the ways to distinguish transceivers. FS100G-LR4 QSFP28 transceivers can be applied to different scenarios with its unique

100GBASE-LR4 QSFP28 1310nm 10km COB SMF

The Arista QSFP-100G-LR4 using COB packaging technology is a 103/112 Gbps transceiver module designed for optical communication applications compliant

Broadcom Compatible 100GBASE-LR4 QSFP28

Broadcom Compatible 100GBASE-LR4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 10km, LC, DOM) The Broadcom Compatible QSFP28 module provides

Fiberbuy QSFP28LR4-100G-C, COB Packaging 100GBASE-LR4 QSFP28 1310nm

Fiberbuy QSFP28LR4-100G-C, COB 100GBASE-LR4 QSFP28 Optical Transceiver Module for Ethernet and Data Center (SMF, 1310nm, 10km, LC, DOM) ...

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## Overview of QSFP28 LR4 Optical Transceiver

The QSFP28 LR4 is a hot-pluggable, four-channel, and full-duplex optical transceiver module designed for long-distance transmission up to 10 km

## Introduction And Applications Of QSFP28 Optical Modules

The QSFP28 LR4 optical module is compliant with the IEEE 802.3ba standard for 100G Ethernet. Unlike the QSFP28 SR4, it adopts Wavelength Division Multiplexing (WDM) technology,

## 100GBASE-LR4 QSFP28 1310nm 10km COB SMF Module for Dell

Dell compatible 407-BCDH QSFP28 COB optical transceiver modules from Naddod equipped with LC duplex connectors. This 100GBASE-LR4 transceiver complies with QSFP28 MSA.

## Contact Us

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