



**Adam Tas Corridor Energy**

# **Supplier Single Fiber Bidirectional 100G**





## Overview

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Our 100G BiDi QSFP28 MMF transceiver enables fiber-efficient short-reach connectivity using single-fiber bidirectional technology. Supporting 150m over OM5 multimode fiber at 850/900nm wavelengths, this dual-rate 100G/40G module delivers 1. The module can be used with any network device that accepts standard MSA transceivers - e. By enabling bidirectional transmission over a single fiber, this module enhances fiber utilization efficiency and can reduce fiber costs.



## Supplier Single Fiber Bidirectional 100G

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### 100G Over Single Fiber, Simplified , ProLabs

Upgrading from 10G to 100G no longer requires complex fiber builds. Our QSFP28 Bidirectional (Bidi) transceivers delivers high-speed 100G



### QSFP28-100GB33-20 100G QSFP28 BIDI

100G QSFP28 BIDI TX1331nm/RX1271nm PAM4 Single Lambda LC SMF 20km DDM Optical Transceivers are designed for 100 Gigabit Ethernet links over 20km



### Cisco QSFP-100G-B20U4-I and QSFP-100G-B20D4-I

Bidirectional 100Gb on a single fiber Whether it's building a network or upgrading an existing network, the Cisco ® QSFP-100G-B20U4-I and QSFP



### 100G QSFP28 BiDi : Optical Transceiver Module , NEC

NEC's 100G QSFP28 BiDi optical transceiver enables the transmission and reception of



100Gb/s high-speed data over a single optical fiber. By enabling bidirectional



### 100G and 100G BiDi , Syrotech

Our 100G QSFP28 transceivers, including BiDi variants, provide high-speed, low-latency connectivity for data centers, enterprise networks, and telecom applications. Designed for efficiency and reliability,

### Single Fiber (BiDi)

Teroline single fiber bidirectional QSFP28 module for 100G applications over single mode optical fiber. The module can be used with any network device that accepts standard MSA transceivers - e.g. D



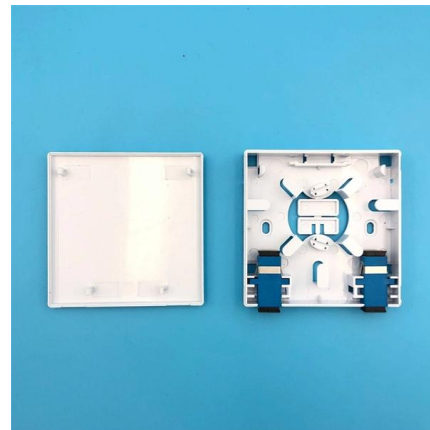
### BiDi Transceivers For Beyond 100G Fiber Infrastructure

RAD has developed the patented BiDi QSP adaptor to solve the issue of making the transition from dual-fiber optical transceivers to single-fiber easy.



## 100G and 100G BIDI , Syrotech

Designed for efficiency and reliability, these compact modules support both bidirectional and standard fiber or copper connections, ensuring smooth integration with your network.



## 100G QSFP28 SR BiDi 100m LC Optical Transceiver

Q2: What types of 100G QSFP28 does ETU-Link offer?? A2: We provide SR4, LR4, ER4, ZR4, and CWDM4 variants, supporting multi-mode and single-mode fiber

## Qsfp28 100g Bidi Single LC Port Single Fiber Bidirectional Compatible

This is a high-performance Huawei-compatible QSFP28 100G BiDi (Bidirectional) optical transceiver module, engineered for cost-effective 100Gbps data transmission over single-fiber infrastructure.



## 100G QSFP28 BIDI 30KM

The STC-QSFP28-BIDI-30KM is a high-performance 100G transceiver module using BiDi (Bidirectional) transmission technology, enabling simultaneous sending and receiving over a single fiber strand.



## Explaining 100G Bidirectional (BiDi) Optics

This 100G bidirectional transceiver provides 100Gbps bandwidth over standard duplex multi-mode fiber. The 100G multi-mode BiDi QSFP28 optics



## Overview of 100G SFP Types

100G BiDi (Bidirectional) modules are worth mentioning here. These are specialized optical transceivers that transmit and receive data over a single fiber strand, effectively doubling the

## 100G BIDI QSFP28 Optical Transceiver: Single Fiber, Duplex Solution

Discover how the Svelol 100G QSFP28 BIDI optical module solves data center fiber challenges. Leverage single-fiber bidirectional (BIDI) technology to save 50% fiber, reduce costs



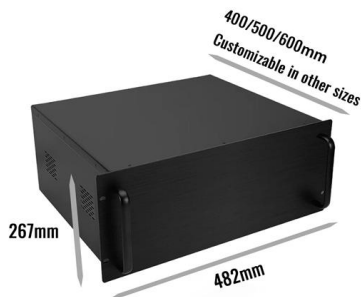


## **QSFP-100G-SR1.2 QSFP28 100GBASE-SR BiDi 850nm**

QSFP-100G-SR1.2 BiDi is a parallel Quad Small Form-factor Pluggable (QSFP28) Bi-Direction optical module that supports 100 Gbps bit rates. The module

## **100G Single-Fiber Optical Module: New Choice for High-Bandwidth**

100G single-fiber optical modules, with their core advantage of enabling bidirectional transmission over a single fiber, are becoming a key device for conserving fiber resources and



## **100G BiDi QSFP28 150m , Single Fiber MMF**

EDGEOPTIC 100G BiDi QSFP28: 150m OM5 MMF single fiber, 850/900nm, 1.9dB budget, 106.25 Gbps. LC simplex connector, also supports 40G QSFP operation.

## **100G QSFP28 Bidi Optical Module**

100G QSFP28 BiDi Bidirectional Optical Module 40km Single-Fiber LC Simplex for 5G Communication Applications. ETU-Link transceivers offer reliable, high-speed data transmission., Alibaba



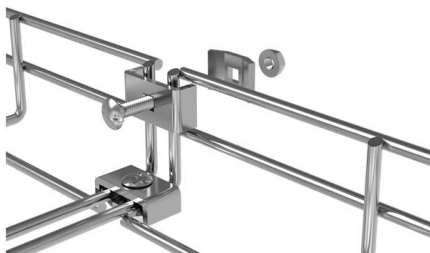
## BiDi Optical Modules: Unlocking Single-Fiber

Comprehensive guide on BiDi Optical modules, detailing single-fiber bidirectional connectivity, deployment tips, troubleshooting, and multi-speed



## 400G CFP2-DCO Optical Module

400G Coherent CFP2-DCO The 100G/200G/400G Dual fiber or BiDi CFP2-DCO coherent pluggable optical module from 3C-LINK .is based on DP-QPSK or DP-16QAM design, supports adjustable



## Single-Fiber-Bidirectional Module 100G QSFP28 40km BIDI LR1

Single-Fiber-Bidirectional Module 100G QSFP28 40km BIDI LR1 Simplex LC Connector PAM4 1304/1309nm Optical Fiber Transceivers No reviews yet Certificates:CE,



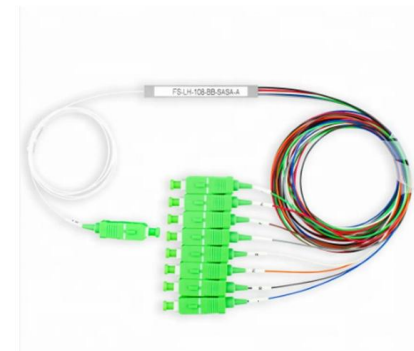
## Custom 100G QSFP28 BiDi Module , 10km to 80km Simplex

Halve your physical fiber requirements. WolonFiber's 100G QSFP28 BiDi transceivers execute 100Gbps transmission over a single LC strand up to 80km.



## 100G BiDi QSFP28 150m , Single Fiber MMF

Supporting 150m over OM5 multimode fiber at 850/900nm



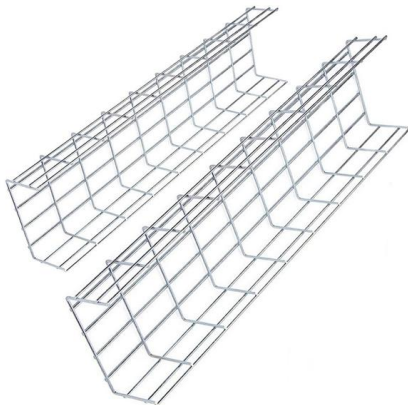
## Single-Fiber-Bidirectional Module 100G QSFP28 40km BIDI LR1

Place of Origin: Guangdong, China Warranty Time: 2 years Transceiver form factor: QSFP28 Data Rate: 100G Wavelength: Tx 1304nm/Rx 1309nm; Tx 1304nm/Rx 1309nm Distance: 40km Transmit power



## 100G Over Single Fiber, Simplified

Introducing the QSFP28 100G Bidi Product Family  
Last Updated: April 11, 2025 Upgrading from 10G to 100G no longer requires complex fiber builds.



## 100G QSFP28 BIDI ZR4 Side B Transceiver

100G QSFP28 BIDI ZR4 Side B optical transceiver enables cost-effective 80km single-fiber bidirectional transmission.

## 100G QSFP28 LR1 BIDI Optical Transceiver 10KM , FiberMania

The 100G QSFP28 LR1 BIDI optical transceiver is a high-performance, single-fiber solution designed for cost-effective, high-density 100G Ethernet deployments.





## **The Complete Guide to BiDi Transceiver**



What Is BiDi Transceiver? BiDi transceivers have become synonymous with reliable and high-performance networking, which can achieve

### **Contact Us**

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For datasheets, pricing, or custom telecom energy solutions, please visit:  
<https://koskolong.co.za>