



**Adam Tas Corridor Energy**

# **80km 50g optical module**





## 80km 50g optical module

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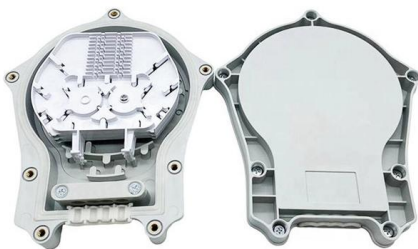


### **Optical Transceiver Module : Products & Solutions , NEC**

NEC has been developing and manufacturing optical transceivers for more than 30 years since the dawn of the optical communications era. Based on this extensive

### **50G SFP56 DWDM EML 80km SMF LC Optical**

FIBERSTAMP 50G SFP56 DWDM optical transceiver module is used for 5G fronthaul, conforms to 50 Ethernet transmission protocol, and is also compatible



### **Development trend of optical**

Development trend of optical interconnect technology in intelligent computing centers  
Summary 6 High rate :Intelligent computing centers are driving the acceleration and innovation of optical module chips

### **400G Optical Transceiver Guide , 400G OSFP SR4,**

3. When should I use a 400G OSFP SR8 module?  
The 400G OSFP SR8 or OSFP-400G-SR8 module is



optimized for very short-reach connections in



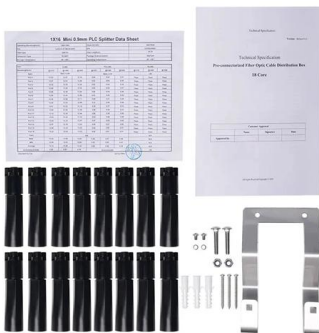
### Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments.

### VC-40GQSFP-DWxx-80 40G QSFP+ DWDM 80km

The VC-40GQSFP-DWxx-80 is a transceiver module designed for 80km optical communication applications. The design is compliant to 40GBASE-ZR4 of the

#### MORE CASES PRESENTATIONS



### SFP Transceiver Optical Fiber Single-Mode LC 1000Base-BX

Must be used with the two-way SFP optical transceiver module WDM in Gigabit fiber, model Intellinet 508629 or model Cisco GLC-BX80-DA Data transfer rate: 1000 Mbps One 1000Base-BX single



## **QSFP28 50G ZR2 , HiSilicon Optoelectronics**

OM9380ZS100 is designed for 80 km optical communication applications. This module contains 2-lane optical transmitter, 2-lane optical receiver and module



## **50G QSFP28/SFP56 Cable and Transceiver Modules Data Sheet**

The QSFP28-ZR2-50G Module supports up to 80km link lengths over OS2 SMF. Digital Diagnostics functions are available via a 2-wire serial interface. The two transmitters are cooled

## **Generic Compatible 50GBASE-ZR2 QSFP28 1310nm 80km DOM**

50GBASE-ZR2 QSFP28 Optical Transceiver Module (SMF, 1310nm, 80km, Duplex LC, DOM)  
50GBASE-ZR2 QSFP28 is a high performance transceiver that supports up to 80km link lengths



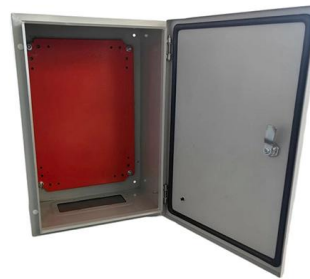
## **Huawei XFP-10G-1550NM-80KM-SM Optical Module Sample Report**

Huawei has model XFP-10G-1550NM-80KM-SM optical module products, which can support 10G Ethernet transmission of 80KM in single-mode fiber, Moduletek Laboratory has tested



### High-Speed QSFP28-ZR2 50G Optical Module, 1310 nm LAN WDM,

50GBASE-ZR2 QSFP28 is a high-performance transceiver that supports up to 80km link lengths over OS2 SMF. The maximum reach is 80km. The two transmitters are cooled 1310nm LAN-WDM lasers



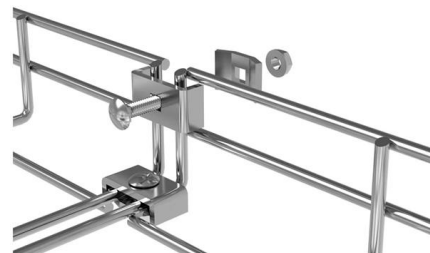
### Custom 50G QSFP28 Optic Transceiver , Long-Haul Reach , WolonFiber

Deploy unamplified 50G links over single-mode fiber. Our Custom 50G QSFP28 modules provide robust performance for legacy switch upgrades.



### Walsun 100G QSFP28 Full Range BIDI Solution

Walsun has launched the 100G QSFP28 ZR4 BIDI product, and will demonstrate 100G 80km single-fiber bidirectional service transmission at OFC





## 50G QSFP28 ZR2 LWDM 80km Transceiver



50G QSFP28 ZR2 LWDM optical module is designed for use in 50G Ethernet links reach up to 80km over single-mode fiber via a Duplex LC connector - AscentOptics.

## Ultimate Guide to Ethernet Transceivers

A comprehensive guide to Ethernet transceivers, covering form factors, transmission distance, data rate evolution, and how to choose the right module for your network.



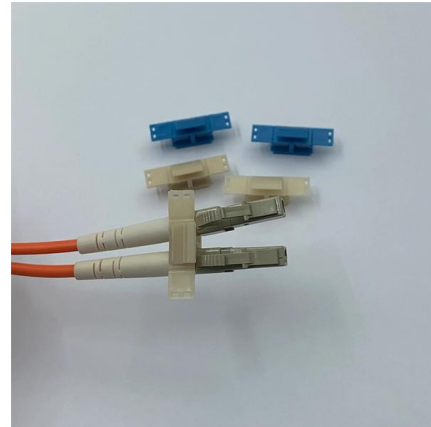
## 50G QSFP28 ZR2 LAN WDM 80km Transceiver Module

50GBASE-ZR2 QSFP28 is a high-performance transceiver that supports up to



## 50G QSFP28 ZR 80Km

SLQS28-50G-ZR is designed for 80km optical communication applications. This module contains 2-lanes optical transmitter, 2-lanes optical receiver and module management block including 2 wire



## Complete Guide to Pluggable Optical Transceivers -

Complete Guide to Pluggable Optical Transceivers Fundamentals & Core Concepts  
What are Pluggable Optical Transceivers?  
Pluggable optical



## 50Gbps QSFP28 Optical Module

When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. The optical power



## 50G SFP56 DWDM EML 80km Optical Transceiver Module

The GIGALIGHT 50G SFP56 DWDM optical transceiver module is used for 5G fronthaul, conforms to 50 Ethernet transmission protocol, and is also compatible with 50G eCPRI transmission protocol. This





## **Q282D080500F / QSFP28 / 50GBase-ZR2**

Q282D080500F is a high performance QSFP28 transceiver module for 50Gbps data links over a single mode fibre pair. The maximum reach is 80km. The two transmitters are cooled 1310nm LAN-WDM



## **400G Optical Modules Explained: SR4 Vs. DR4 Vs. FR4**

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

## **Contact Us**

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<https://koskolong.co.za>