

# **Tunisian coherent optical module QSFP28**





## Overview

---

The TQ2032-TUNC-SO is a pluggable QSFP28 DWDM transceiver designed for high capacity 100 Gigabit Ethernet (100GbE) Data Center Interconnect (DCI) optical communication applications up to 120km unamplified or 300km amplified links. Built around Coherent Steelerton DSP, the 100G ZR QSFP28-DCO transceiver is fully compliant to the IEEE 802. The Cisco QSFP28 100G ZR module expands the portfolio of digital coherent optics (DCO) modules to connect QSFP28. 6T quantum-safe encryption solution on the Waveserver platform was designed with this in mind, supporting QKD system interworking and NIST-certified PQC algorithms.



## Tunisian coherent optical module QSFP28

---

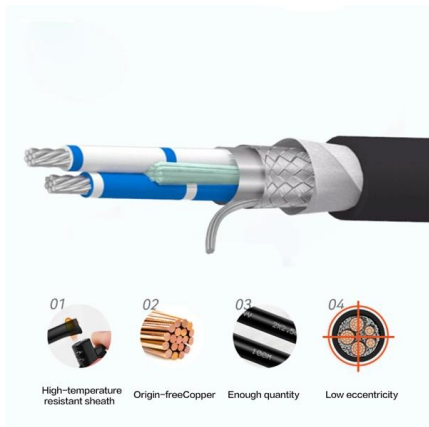


### QSFP28 100G COHERENT DWDM SFF-8636 HIGH TX POWER

The TQ2032-TUNC-SO is a pluggable QSFP28 DWDM transceiver designed for high capacity 100 Gigabit Ethernet (100GbE) Data Center Interconnect (DCI) optical communication applications up to

### 100ZR QSFP28 Coherent Transceiver , Ciena

Scale smarter with the 100ZR QSFP28 coherent transceiver to extend 100G reach, boost fiber to 9.6Tb/s, and cut costs using existing router ports



### FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

### QSFP, QSFP+, and QSFP28: What You Need to Know

QSFP28-100G-LR4 is a 100 Gigabit per second (Gbps) Ethernet optical transceiver module that operates over OS2 single-mode fiber. The QSFP28-100G



### 100G ZR QSFP28 Digital Coherent Optics Transceiver

The Steelerton DSP is the first purpose-built DSP for 100G ZR applications, optimized for the lowest power dissipation and smallest size. In the QSFP28



### FTLC9558REPM QSFP28 Optical Transceiver Module

Coherent FTLC9558REPM QSFP28 Optical Transceiver Module is designed for 100 Gigabit Ethernet links over multi-mode fiber (MMF). The FTLC9558REPM utilizes the I 2 C interface



### Press Releases , Coherent

Read Coherent's latest press releases about our laser technology and photonics products, solutions, and events.



## Understanding QSFP28 Optical Modules: A

Understanding QSFP28 Optical Modules: A Comprehensive Guide Abstract: In today's rapidly evolving technological landscape, high-speed data transmission is

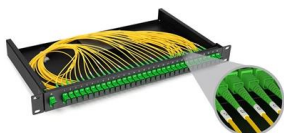


## Industry-First I-Temp 100G ZR QSFP28-DCO Module

These transceivers can be installed directly onto already deployed access network equipment with QSFP28 ports. Examples include optical line

## 100G ZR QSFP28 Digital Coherent Optics transceiver

Networking 100G ZR QSFP28 DIGITAL COHERENT OPTICS TRANSCEIVER Standard Tx output power (-8dBm), 100GE & OTU4, C-temp, 0°C to 70°C, CMIS.



## 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



## 100G Optical Module Selection Guide: Advantages and Types of QSFP28

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse



### Coherent FTLC9558REPM QSFP28 Optical Transceiver Module

Coherent FTLC9558REPM QSFP28 Optical Transceiver Module is designed for 100 Gigabit Ethernet links over multi-mode fiber (MMF). The FTLC9558REPM utilizes the I<sup>2</sup>C interface to access digital

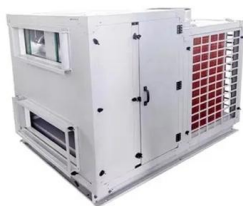
### Generic Compatible QSFP28 DCO 100G DWDM C-band Tunable

The 100G ZR QSFP28-DCO pluggable transceiver supports up to 80km (un-amplified) and up to 300km (amplified) WDM networks. It is fully compliant to the IEEE 802.3(TM)-2022 100GBASE-ZR standard,



### QSFP28 100GE/OTU4 DWDM Coh-T 80km 22dB

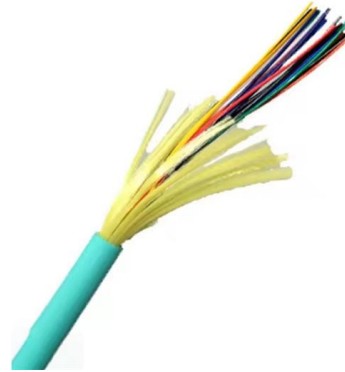
The TQ2025-TUNx-SO is a pluggable QSFP28 DWDM transceiver designed for high capacity 100 Gigabit Ethernet (100GbE) Data Center Interconnect (DCI) optical





## Transforming Edge Networks Expansions , Coherent

Coherent: Enabling Next-Gen Optical Networks  
The coherent 100G QSFP28 DCO transceiver is more than just a module; it's a strategic enabler of



## 100G QSFP28 Single? : Optical Transceiver Module , NEC

NEC's 100G QSFP28 optical transceiver is an optical transceiver that enables high-speed data transmission at 100Gb/s. It converts 4x25Gb/s electrical signals into 4

## QSFP28 optical transceivers , Smartoptics

Smartoptics range of QSFP28 transceivers  
Smartoptics offers a wide selection of QSFP28 transceivers designed to support 100G Ethernet across different



## 100Gb/s QSFP28 Transceivers

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,





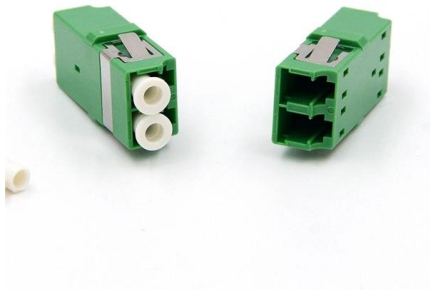
### Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

This DCO module is tunable across C-band. The module is compatible with widely deployed ports of QSFP28 100G and 100GBASE ER CAUI-4 client interfaces. Its maximum



### Coherent Announces General Availability of Industry

Mar. 28, 2025. Coherent announces general availability of the industry's first 100G ZR QSFP28-DCO featuring 0dBm optical output power, designed for metro and



### QSFP28 100G COHERENT DWDM CMIS

TQ2025-TUNC-SO The TQ2025-TUNC-SO is a pluggable QSFP28 DWDM transceiver designed for high capacity 100 Gigabit Ethernet (100GbE) Data Center Interconnect (DCI) optical communication



### 100G ZR QSFP28 Digital Coherent Optics Transceiver

In the QSFP28 module the DSP is paired with a highly efficient silicon photonics



### Cisco QSFP28 100G ZR Digital Coherent Optics Module



This DCO module is tunable across C-band. The module is compatible with widely deployed ports of QSFP28 100G and 100GBASE ER CAUI-4 client interfaces. Its maximum operating power range is



### **100G Coherent QSFP28 C-band Tunable 80km DCO Transceiver**

The 100G ZR QSFP28 DCO transceiver supports 100G transmission over distances up to 120km (dispersion limited, optionally extendable to 300km) for edge network applications. On the host side,

## **Contact Us**

---

For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:  
<https://www.syropy.com.pl>