

Aero-optical transmitter QSFP28





Overview

The 100GBASE-ESR4 QSFP28 Optical Transceiver Module is designed for use in 100GBASE Ethernet throughput up to 200m over OM3 MMF or 300m over OM4 MMF using a wavelength of 850nm via a MTP/MPO-12 connector. 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. This guide provides the definitive roadmap for selecting, deploying, and troubleshooting QSFP28 transceivers while bypassing the painful trial-and-error phase. The QSFP28 (Quad Small Form-factor Pluggable 28) transceiver is a compact module that can be hot-swapped and is designed to support high-speed data transfer in today's network.



Aero-optical transmitter QSFP28



100GBASE-ESR4 QSFP28 850nm 300m Transceiver , FS

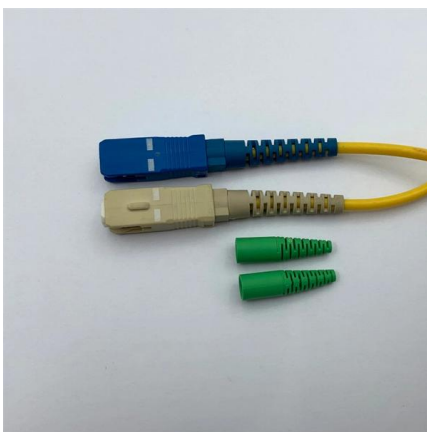
The 100GBASE-ESR4 QSFP28 Optical Transceiver Module is designed for use in 100GBASE Ethernet throughput up to 200m over OM3 MMF or 300m over OM4 MMF using a wavelength of 850nm via a

[Contact Us](#)

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 MPO

[Contact Us](#)



QSFP28

Here's An Easier Way To Upgrade To 400G Optics
Learn how the QSFP28 FR pluggable optic paves the way to 400G upgrades and how it impacts the network performance and

[Contact Us](#)

100G QSFP28 DR1 Optical Transceiver

100 Gb/s DR1 QSFP28 Optical Transceiver is a small form-factor, high speed, and low-power consumption product targeted use in optical interconnects for data communications applications. The



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.

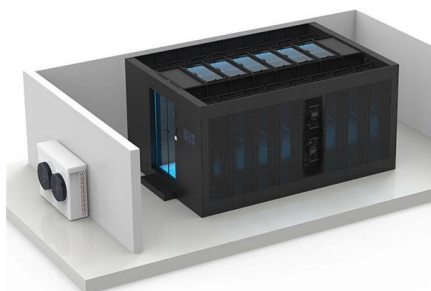
[Contact Us](#)



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,

[Contact Us](#)



Overview of QSFP28 LR4 Optical Transceiver

Discover FS's QSFP28 100G LR4 optical transceiver, offering low power consumption, perfect compatibility, and reliable long-distance performance

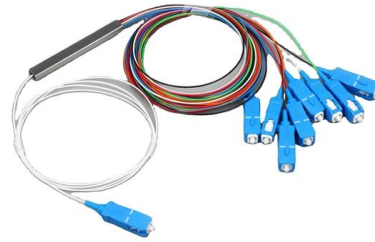
[Contact Us](#)



QSFP28 hardware design block diagram.

The QSFP28 optical transceiver internal hardware of the proposed design scheme consists of PAM4 DSP IC for PAM4 and duplication, electroabsorption-modulated laser (EML)-transmitter optical sub

[Contact Us](#)



Understanding QSFP28 Optical Modules: A

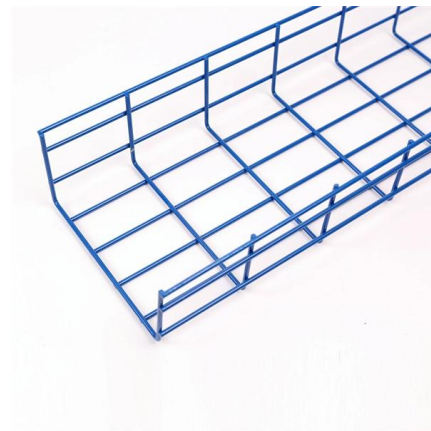
In conclusion, QSFP28 optical modules play a crucial role in enabling high-speed data transmission in modern data centers, telecommunications networks, and

[Contact Us](#)

QSFP28 100G PinOut Guide

Complete QSFP28 100G pinout reference with detailed pin functions, descriptions, and logic types for network engineers and hardware designers.

[Contact Us](#)



QSFP28 optical transceivers , Smartoptics

QSFP28 are part of Smartoptics's hot-swappable small form-factor family of optical transceivers and cables.

[Contact Us](#)



QSFP28 100G ER4 , HiSilicon Optoelectronics

This module contains 4-lane optical transmitter, 4-lane optical receiver and module management block including 2 wire serial interfaces. The optical signals are

[Contact Us](#)



AFBR-89CEHZ Data Sheet

Description The Broadcom® AFBR-89CEHZ is a four-channel, pluggable, multimode, fiber optic QSFP28 transceiver for 100 Gigabit Ethernet (GbE) applications. The transceiver is a high

[Contact Us](#)

QSFP28, SFP28 AND QSFP+ OVERVIEW

QSFP28 CABLE ASSEMBLIES GREY SFP28 TRANSCEIVERS Dist: Typical distance, normally based on dispersion properties. min Tx power and Rx sensitivity. Dispersion/path enalties not taken

[Contact Us](#)



QSFP28 ER4 Optical Transceiver Overview

100G QSFP28 ER4 optical transceiver can reach a 40km transmission distance on the SMF which supports both 100G Ethernet and OTU4 network applications.

[Contact Us](#)



Intel® Ethernet QSFP28 Optic

The QSFP28 SR4 transceiver is a high-performing module for SR optical links over OM4 MMF, and is ideal for short-range, multi-lane data communication, and interconnects applications.

[Contact Us](#)



QSFP28 100Gb/s EZR4 Transceiver 100km

Product Description Q28-100G-LP100 QSFP28 Plug-in, compatible with QSFP-100G-eZR4 (with FEC), 100 km Optical Transceiver, Duplex LC, DOM

[Contact Us](#)

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 in



[Contact Us](#)



100G QSFP28 LR4 DML LWDM4 10km/20km Optical

GIGALIGHT 100G QSFP28 LR4 optical modules are used for long-distance transmission in the datacom or telecom field and are compliant with IEEE

[Contact Us](#)



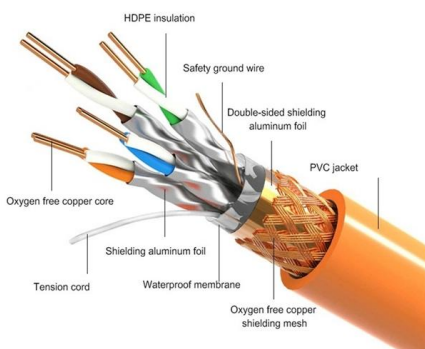
100G QSFP28 ER4 Transceiver: 40km Reach Optical

100GE ER4 QSFP28 40km Optical Transceiver Description Innoptical's IN-QSFP28-ER4 module is designed for 40km optical communication applications. This

[Contact Us](#)



PRODUCT DETAILS



100G QSFP28 Cable and Transceiver Modules Data Sheet , FS

The QSFP28-eER4-100G Module is designed for 80km optical communication applications. This module contains 4-lane optical transmitter, 4-lane optical receiver and module

[Contact Us](#)

100Gbps QSFP28 Optical Modules

QSFP-100G-CWDM4 QSFP28-100G-LR4
QSFP28-100G-SR4 QSFP-100G-4WDM-40
QSFP-100G-CWDM4-ISP QSFP-100G-CWDM4-Lite
QSFP-100G-ER4 QSFP-100G-SWDM4
QSFP28-100G-1310

[Contact Us](#)



QSFP28-eER4-100G Data Sheet , FS

Description The 100GBASE-ER4 QSFP28 Optical Transceiver Module is designed for 80km optical communication applications. This module contains 4-lane optical transmitter, 4-lane optical receiver

[Contact Us](#)

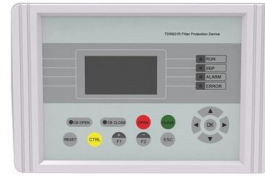




QSFP28 Transceiver: The Ultimate 100G Optical

The QSFP28 optical transceiver has become the cornerstone of 100G networking due to its outstanding balance of performance, density, power

[Contact Us](#)



QSFP28 SR4 Optical Transceiver Module Overview

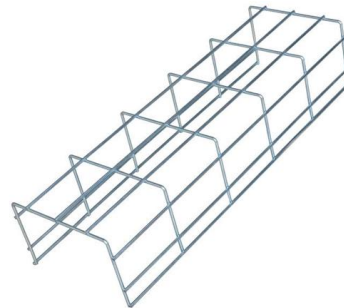
Explore FS QSFP28 SR4 optical transceiver with low power consumption, perfect compatibility, and reliable performance for efficient data

[Contact Us](#)

QSFP28 100Gb/s EZR4 Transceiver 100km

The Q28-100G-LP100 100 Gb/s QSFP28 EZR4 Transceiver is a high-capacity optical module designed for long-distance data transmission up to 100 kilometers over single-mode fiber.

[Contact Us](#)



100G QSFP28 FR1/LR1 Optical Transceiver

100 Gb/s FR1/LR1 QSFP28 Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted for use in optical interconnects for data communications applications.

[Contact Us](#)



Introduction to 100G QSFP28 Optical Transceiver

100G QSFP28 optical transceivers are designed for 100 Gigabit Ethernet, EDR InfiniBand, or 32G Fibre Channel. What is 100G QSFP28 optical transceiver?

[Contact Us](#)



Contact Us

For datasheets, pricing, or custom fiber access solutions, please visit:
<https://www.frindel.es>