

# **SQFP56 Optical Module**





## Overview

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A QSFP56 transceiver is a compact, hot-swappable optical module designed for high-speed data communication networks. Optical modules are classified by their packaging forms, with common types including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, QSFP112, and OSFP. The Cisco® family of QSFP modules provide solutions for AI/ML data center applications, Network Interface Cards (NICs) on servers, and for data center switches, while leveraging the breakout capabilities and backward compatibility to lower-speed QSFP pluggable modules and cables. This article explores the 200G QSFP56 optical transceiver, highlighting its benefits, types, and key differences compared to QSFP56 vs QSFP28 vs QSFP+ modules. Contact Us Germany / € EUR  Sign in  Sign up  Search  Recent Search  Change FREE SHIPPING on Orders Over EUR 79 VAT excl.



## SQFP56 Optical Module

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### **200Gb/s QSFP56 HDR SR4 850nm 100m MMF Optical**

Description Q56-200G-SR4H transceiver is a 4-channel, pluggable, QSFP56, optical transceiver designed for use in 200Gb/s InfiniBand applications. This module incorporates integrated

### **What Is QSFP56? Differences from QSFP28 & QSFP56-DD (200G)**

This module is ideal for server-to-switch or leaf-to-spine connections, where low power consumption and reliable short-distance transmission are key. Because it complies with global



### **50G SFP56 LR Transceivers , Optical Transceivers**

The module is compliant with IEEE 802.3 cd, SFF-8472 Rev 12.4, and compatible with SFF-8432 and applicable portions of SFF-8431 Rev. 4.1.

### **QSFP28 vs SFP56: Key Differences, Specifications and**

Explore the key differences between QSFP28 and SFP56 optical modules. Understand their roles in data centers and how they compare in



### **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



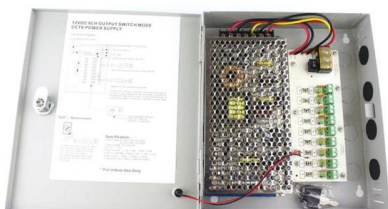
### **50G QSFP28/SFP56 Cable and Transceiver Modules Data Sheet**

Product overview The FS® 50GBASE Quad Small Form-Factor Pluggable (QSFP28/SFP56) portfolio offers customers a wide variety of high-density and low-power 50 Gigabit



### **Complete Guide to QSFP-DD, QSFP28, QSFP56,**

As high-speed networks continue to evolve, optical transceivers like QSFP-DD, QSFP28, QSFP56, SFP56, and SFP28 have become the core components





## 50G QSFP28/SFP56 Optical Transceiver Modules

FS 50G QSFP28, SFP56 optical module solution used for high-density switching, routing and data center applications. Click to get your 50g sfp56, qsfp28



## The Ultimate Guide to QSFP56 Transceivers and Modules

A QSFP56 transceiver is a compact, hot-swappable optical module designed for high-speed data communication networks. Fully compatible with 200

## How Much Do You Know About QSFP56?

In recent years, various optical module form factor types have emerged with the growth of new technology and high-speed interconnects.



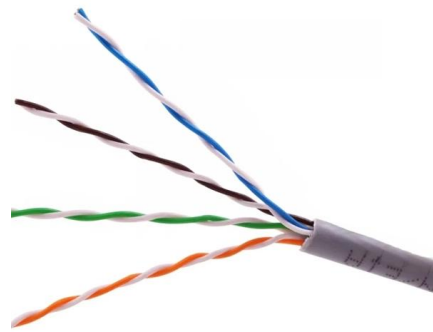
## Cisco 200G QSFP56 Cables and Transceiver Modules

The module has four pairs of Multi-Mode Fiber (MMF) with an MPO-12 UPC connector. It is compliant to the IEEE 802.3bm protocol and 200GAUI-4/CEI-56G-VSR-PAM4 standards.



## Explore the Features and Applications of FS 50G SFP56 Module

Discover the key features, technical advantages and applications of FS 50G SFP56 modules, offering an efficient solution for high-performance networking.



Motor protection controller

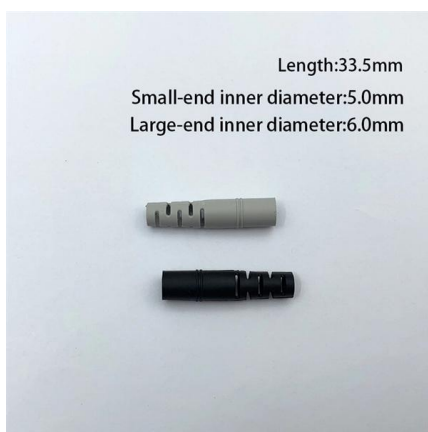


## QSFP56 200G Optical Modules: Benefits, Types, and

This article will deeply explore the definition, advantages, common QSFP56 optical module types, and compare them with other common QSFP

## QSFP56-200GB-SR4-C Amphenol ProLabs , Fiber Optic Transceiver

QSFP56-200GB-SR4-C - Transceiver Module 850nm MPO Pluggable, SFP56 from Amphenol ProLabs. View datasheets, pricing and availability from DigiKey now!



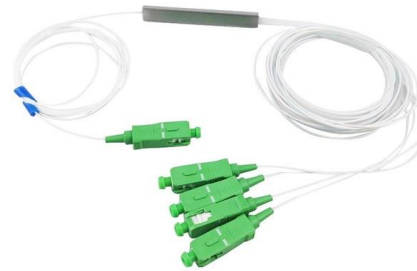
## 56G SFP56

SULITON 56G SFP56 Module SULITON provides OEM and ODM of various optical modules from 10 100 1000basex sfp to 800G at a price that satisfies you. It is compatible with most



**50G SFP56 BR10/BR40 : Optical Transceiver Module**

50G SFP56 BR10/BR40 The demand for optical transceivers that achieve low power consumption, high capacity, and ultra-low latency is increasing as part of the



**Aruba 50G I-Temp LR SFP56 LC 10km SMF TAA S6H23A , PC-Canada**

Aruba 50G I-Temp LR SFP56 LC 10km SMF TAA Transceiver - For Data Networking, Optical Network - 1 x LC 50GBase-LR Network - Optical Fiber - Single-mode - 50 Gigabit Ethernet - 50GBase-LR - 50



**50G SFP56 SR Optical Transceiver**

Description The Gigalight Technologies GSS-MPO560-SRC is a single-Channel, Pluggable, Fiber-Optic SFP56 for 26.5625GBd PAM4 Ethernet Applications. It is a high performance module for short-range



**Broadcom Compatible 200GBASE-SR4 QSFP56 850nm 100m DOM**

The Broadcom Compatible 200GBASE-SR4 QSFP56 Optical Transceiver Module is designed for 200GBASE Ethernet throughput over MTP/MPO-12 connectors using OM4 multimode fibre (MMF)







### Huawei QSFP56-200G-SR4 Optical Module Datasheet

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals. Optical modules are classified by



### 4 Types of 50G SFP56 Transceivers Introduction

SFP56-50G-LRI Module The international standard of 50G SFP56 dual-fiber bidirectional optical module for forward transmission has not yet been

### Cisco 50GBASE SFP56 Modules Data Sheet

The Cisco® 50GBASE SFP56 (Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 50G and



### SFP56: A Modern Reinvention of the Classic Form Factor

Years ago, optical transceiver manufacturers revolutionized the industry with the introduction of the SFP form factor, which boasted a compact size that significantly increased port



## 50GBASE-SR SFP56 Optical Transceiver Module Compatible with

50GBASE-SR SFP56 Optical Transceiver Module, Built-in high performance Chip, Max. Power Consumption 1.5W enable Prolonged Service Life, Commercial Temperature Range 0 to 70°C (32 to



## Generic Compatible 50GBASE-SR SFP56 850nm 100m

Simplify Network Design with FS Design CenterTool Tech Support Generic Compatible 50GBASE-SR SFP56 Optical Transceiver Module (MMF, 850nm,



## Understanding the QSFP56 Standard (SFF-8679): Enabling 200G

Discover LINK-PP's QSFP56 optical transceivers for 200G Ethernet. Learn about QSFP56 specifications, PAM4 signaling, high-density applications, and seamless migration from



## Contact Us

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