How much does a Huawei 50G optical module cost



Overview

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON & 50G.

Key Takeaways

Huawei 50G optical modules typically range from $200 to $600 per unit, depending on type, distance, and vendor. Huawei 50G optical modules, such as the QSFP28-50G-BIDI-40km or SFP56 50G transceivers, are designed for high-speed data transmission over single-mode fiber, supporting distances from 10 km up to 40 km and using LC connectors for easy deployment. The price of these modules varies based on factors like transmission distance, wavelength, vendor, and whether the module is purchased in bulk or individually.

Factors Affecting Price

Module Type: QSFP28 modules generally cost more than SFP56 modules due to higher density and bidirectional capabilities. Transmission Distance: Modules supporting longer distances (e.g., 40 km) are more expensive than short-range modules (e.g., 10 km) due to higher-quality optics. Vendor and Warranty: Authorized resellers or certified distributors may charge a premium but provide genuine products with warranties, while third-party marketplaces may offer lower prices but with varying reliability.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Bulk Orders: Purchasing multiple units often reduces the per-unit cost. Typical Price RangeShort-range 50G modules (10 km): Approximately $200–$350 per unit. Long-range 50G modules (40 km): Approximately $400–$600 per unit.

For exact pricing, it is recommended to contact authorized Huawei distributors or online vendors such as GenuineModules.com or Alibaba, as prices fluctuate based on inventory, region, and market demand. Additionally, some vendors provide bulk discounts and real-time inventory updates for enterprise planning.

Article Content

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON & 50G-PON broadband access networks.

OptiXstar M990 50G PON ONU

OptiXstar M990 is a 50G PON ONU provided by Huawei. It supports 50G PON upstream transmission and 25GE/XGE/GE downstream transmission to provide high bandwidth access.

Huawei QSFP28-50G-BIDI-40km-SM-1 50G BiDi 40km LC Transceiver

QSFP28-50G-BIDI-40km-SM-1, Huawei BiDi Transceiver, 50G, LC, 40km Brand: Huawei Model: QSFP28-50G-BIDI-40km-SM-1 USD $54,302.00

02312AXF

And the Huawei High Speed Transceiver, QSFP28, 1311nm, 50Gb/s, 1.5dBm, 8dBm, -15dBm, Straight LC, SMF, 40km is factory new with original packaging.

QSFP-50G-BIDI-40KM optical module 02312E| Alibaba

We have extensive knowledge and experience in product operation and maintenance. We have multiple professional technical personnel to provide testing for our products, ensuring that every refurbished

Buy Huawei PON Optical Module Best Price

Inquire Huawei original PON Optical Module Price, Wholesale Huawei PON Optical Module with best discount

50g 40km high-speed optical module 02312AXF| Alibaba

We have extensive knowledge and experience in product operation and maintenance. We have multiple professional technical personnel to provide testing for our products, ensuring that every refurbished

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Huawei QSFP28-50G-1311nm-40km-SM 50G QSFP28 Optical

QSFP28-50G-1311nm-40km-SM, Huawei High Speed Transceiver, 53.125G/1310nm/40km Brand: Huawei Model: QSFP28-50G-1311nm-40km-SM List Price: $46,428.57 100% OFF

SFP Huawei Pricing and Compatible Cost Optimization

SFP Huawei pricing is determined by a combination of technical specifications, optical performance requirements, and underlying supply chain conditions. In most procurement scenarios, price

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface

50G Optical Module Deployment Guide

Note: The preview effect may be slightly different from the source document. You can download the document and view it on your PC.

Lists/subdomains2 at main · ArtesOscuras/Lists · GitHub

Multiple wordlist for pentesting purpose. Contribute to ArtesOscuras/Lists development by creating an account on GitHub.

vocab.txt · mdg-nlp/time-ner-bert-base-cased at main

We''re on a journey to advance and democratize artificial intelligence through open source and open science.

Huawei Launches 3 Solutions to Embrace F5.5G and

During MWC 2023, Huawei launched three solutions — Huawei FTTR OptiXstar F30, industry''s first commercial 50G PON, and Huawei OptiX Alps-WDM,

How much does a Huawei large-aperture optical module cost

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser drivers, TIAs, DFB lasers, VCSEL arrays, and LPO solutions for data

Huawei Launches Industry-First 50G POL Prototype for Next

BARCELONA, Spain, March 2, 2023 /PRNewswire/ -- During the Mobile World Congress 2023 (MWC 2023), Huawei launched the industry''s first 50G POL prototype to help industry customers build next ...

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module

Get Optical Transceiver Modules at Best Price, Cisco and HUAWEI SFP Module, 10G SFP+ Module, 25G SFP Module, 40g QSFP Module, 100G Module, 400G Module, SFP Cable, DAC Cable, AOC

Striding Towards the Intelligent World White Paper

All-optical campus provides campus networks with transmission media evolution, architecture innovation, and all-new O&M. An all-optical network carries all campus applications and has

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved