

Syrian price for a 400G optical transmitter



Overview

1: 400GBASE-FR4 for 2km SMF, 4 CWDM PAM4 lanes, 4dB budget, KP4 FEC. The 400G transceiver price spread between the most economical and the most expensive modules is roughly 100:1. A short-reach SR8 for in-rack connections costs under \$2,000 from a reputable third-party vendor, while a coherent ZR+ for long-haul Data Center Interconnect (DCI) can exceed \$130,000 from. These modules differ significantly in terms of Cisco 400G QSFP price. Transmission distance: SR8 < DR4 < . The 400G QSFP-DD ER4 optical module supports transmission distances up to 40KM via SMF via duplex LC connector. It complies with QSFP-DD MSA, IEEE 802. 3bs protocol, and 400GAUI-8 standard. 400 Gigabit Ethernet signals are transmitted over duplex fiber optics. It adopts the QSFP-DD form factor, operates in the 1310nm wavelength band, and uses MPO-12 single-mode. Cube Technology Trading's 400G transceiver series is designed to meet the growing demand for high-speed data connectivity in Data Center Interconnections and Metro Networks. Our product portfolio covers a wide range of solutions, including QSFP-DD AOC, SR8, DR4, FR4, and OSFP modules, supporting.



Article Content

Jul 18, 2025

400G QSFP-DD ER4 40km Optical Transceivers

The 400G QSFP-DD ER4 optical module supports transmission distances up to

May 24, 2026

InnoLight's 400G QSFP-DD Optical Transceiver

This full reverse costing study provides insight into technology data, manufacturing cost and selling price of InnoLight's T-DP4CNT-N00 400Gb QSFP-DD Optical Transceiver.

Jun 23, 2026

Global 400G Optical Transceiver Market Size, Growth

Access detailed insights on the 400G Optical Transceiver Market, forecasted to rise from USD 1.25 billion in 2024 to USD 4.56 billion by 2033, at a

Jul 01, 2025

Understanding the Latest in 400g Transceiver

It contains both elements, the optical transmitter, and the optical receiver, in one small enclosure that is normally of the type QSFP-DD. The

Apr 27, 2026

400G QSFP-DD FR4 2KM Optical Transceiver

This product is a 400Gb/s QSFP-DD optical module designed for 2km optical communication applications. The module converts 8 channels of 50Gb/s (PAM4)

Feb 09, 2026

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

Feb 09, 2026

400G FR4 QSFP-DD 1310nm 2Km LC SMF Transceiver

The QSFP-DD FR4 400G optical transceiver module supports a data transmission distance of up to 2km. It can convert 8 channels of 50Gb/s (PAM4) electrical input

Mar 26, 2026

FS Community

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

Dec 08, 2025

/ 400G Optical Transceivers

Our product portfolio covers a wide range of solutions, including QSFP-DD AOC, SR8, DR4, FR4, and OSFP modules, supporting data rates of up to 400 Gb/s to ensure reliable and efficient performance

Oct 11, 2025

What Factors Influence 400G Optical Transceiver Price

Discover the key factors that drive 400G optical transceiver pricing—from form-factor and component costs to market dynamics and sustainability.

Sep 04, 2025

400G Optical Transceiver: Cisco 400G Optics, Pricing & Applications

In this article, the 400G optical transceiver is thoroughly explained in terms of definition, major types, application scenarios, price and cost, as well as typical product models such as QDD

Dec 17, 2025

Ethernet Transceiver Modules and Cables

FS offers a growing portfolio of 200/400/800G optical transceiver modules and cables. The super-high density and backwards compatibility can enable high bandwidth and high speed links for data center

May 21, 2026

What is a 400G Optical Transceiver?

It uses 16-core multimode MPO connectors, with 8 transmitters and 8 receivers, and carries a 50Gbps signal when each channel is modulated by

Dec 18, 2025

400GBASE QSFP-DD FR4 Optical Transceiver Module

FiberMall QSFP-DD-400G-FR4 FR4 QSFP-DD Optical Transceiver supports 2km

Apr 18, 2026

400GBASE-FR4 QSFP-DD 2km | €300 | EDGE Optical

400G-QSFP-DD-2.1: 400GBASE-FR4 for 2km SMF, 4 CWDM PAM4 lanes, 4dB budget, KP4 FEC. €300.30, lifetime warranty, made to order. Contact our sales

Jul 06, 2025

How 400G Optical Modules Are Shaping Next-Gen

Discover key factors driving the rapid adoption of 400G optical transceivers, including AI, 5G, coherent optics, and market trends shaping next

May 30, 2026

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Oct 03, 2025

400G QSFP-DD ER4 40km Optical Transceivers

400G QSFP-DD ER4 PAM4 4 LWDM Lanes MUX/DEMUX design Optical Transceiver Module (LWDM4 SMF LC 40km without FEC DDM) The 400G QSFP

Sep 22, 2025

400G Optical Transceiver Market Size, Share and

400G Optical Transceiver Market analysis indicates the market was valued at USD 2.39 Billion in 2025 and is anticipated to reach USD 8.88 Billion by 2035 with a

Dec 09, 2025

Over 20 Million 400G & 800G Datacom Optical Module

Unit shipments of 400G and 800G modules have grown nearly fourfold over the past 12 months and are expected to surpass 20 million for 2024. "Optical

Jan 09, 2026

400G Optical Transceivers Market Size [2026-2035]

The 400G Optical Transceivers Market is reshaping high-speed networking by enabling denser, more energy-efficient architectures across cloud and telecom ecosystems. Network

Jun 19, 2026

400G OSFP Ethernet Silicon Photonics

NADDOD 400G OSFP pluggable silicon photonics modules support transmission distance of up to 500m SMF with cost-effective and low consumption.

Aug 07, 2025

400G Optical Transceivers | OEM Compatibility

Discover the power of 400G QSFP-DD Optical Transceivers—ultra-fast, energy-efficient, and future-proof solutions.

Nov 14, 2025

USI | 400G Optical Transceiver

The 400G QSFP56-DD transceiver is designed to solve the technical challenges of achieving high-speed 400G interconnects. This transceiver features four optical channels using 100Gbps PAM4

Dec 19, 2025

400G Optical Transceivers Market Trend

Over the past five years, we've seen opportunities with the rise of 100g optical transceivers, and in the last two years, the market has refocused on 400g optical transceiver.

Apr 25, 2026

400G Optical Transceivers Guide: Key Models,

400G optical transceivers play a crucial role in optical communication. Utilizing PAM4 technology, 400G optical transceivers efficiently use spectral resources and

Nov 01, 2025

400G Transceivers to Meet Increased Data Demands

400G Transceivers High-Performance Optical Transceivers Meet Increased Data Demands with 400G Transceivers Pro Optix is constantly analysing the fiber

Jan 02, 2026

400G-FR4 Technical Specifications Rev 2.0

400G-FR4-3-Open Eye modules comply with the requirements of this document and have the following common features: one optical transmitter; one optical receiver with signal detect and a duplex optical

Jun 13, 2026

400G QSFP-DD FR4/LR4 Optical Transceiver

400 Gb/s FR4/LR4 QSFP-DD Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted for use in optical interconnects for data communications applications.

Oct 25, 2025

400G LPO QSFP112 FR4 Optical Transceiver Module

FiberMall LQSFP112-400G-FR4 uses LPO technology and is a high-performance, scalable, low-power optical module suitable for high-speed network applications.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

