

Price quote for 400G OSFP optical modules for metropolitan area networks



Article Overview

400G OSFP optical modules suitable for metro networks are available in DR4, FR4, and LR4 variants, with pricing typically obtained via vendor quotation.

Module Types and Metro Network Suitability

For metropolitan area networks, the following 400G OSFP modules are commonly used:

- DR4 (400G over 500 meters single-mode fiber): Ideal for short-reach metro interconnects and high-density intra-data center links, providing low-latency, high-bandwidth connectivity .
- FR4 (400G over 2 km single-mode fiber): Suitable for medium-reach metro applications, connecting multiple buildings or data centers within a city .
- LR4 (400G over 10 km single-mode fiber): Designed for longer metro links, including data center interconnects and metro access networks . These modules support PAM4 signaling and 8 electrical lanes at 50 Gbps, ensuring high-speed, low-latency performance for dense network deployments . OSFP modules also offer enhanced thermal management, making them reliable for continuous operation in power-intensive metro environments .

Vendor Options

- FS: Offers a wide range of 400G OSFP modules with global warehouse availability,...

Article Content

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Maximize network performance with the definitive 400G guide. Covers QSFP-DD vs OSFP, AI leaf-spine topology,

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400G OSFP Transceiver Modules

QSFPTEK offers an extensive range of 400G OSFP optical transceiver modules. These products comply with the IEEE 802.3bs

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OSFP 400G

The 400G OSFP modules are state-of-the-art in broadband communications. With a remarkable data transmission capacity of 400

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OSFP Power Consumption by Data Rate: 400G to 1.6T Guide

Learn OSFP power consumption specifications for 400G, 800G, and 1.6T modules. Compare real-world wattage,

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Master OSFP transceiver technology with our comprehensive guide. Covers 400G/800G/1.6T speeds, OSFP vs

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400G OSFP/QSFP-DD/QSFP112 Ethernet Optical Transceivers

NADDOD provides high-quality, high-capacity 400G Ethernet transceivers for RoCE networking, including 400G OSFP, QSFP-DD,

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FS offers a growing portfolio of 800/400/200/100/40G optical transceiver modules and cables. The super-high density and backwards

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Discover the evolution from 400G to 800G and 1.6T optical modules. Learn key technologies, CPO vs pluggable, and

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Unsure which 400G module fits your data center? Compare QSFP-DD, OSFP, and QSFP112 with expert insights for

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400G OSFP Optical Module Market

The 400G OSFP Optical Module Market, valued at USD 3.7B in 2026, is projected to reach USD 9.84B by 2032, growing at a 17.1%

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400G OSFP SR8/DR4/DR4+/FR4/PSM8/LR4 Transceiver | FiberMall

OSFP 400G modules are enhancing performance demands for modern High-speed Data centers and optic networks. These modules

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400G and 800G OSFP transceivers | Smartoptics

Smartoptics OSFP transceivers provide high-performance solutions for both 400G and 800G optical networking

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400G Transceivers — Transceiver USA

Transceiver USA's optical QSFP and OSFP modules are used in enterprise and datacenter networks. View price, stock and buy

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Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

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400G OSFP PAM4 Optical Transceiver Cisco Compatible

Discover 400G OSFP transceiver modules, offering VR4, SR4, and DR4 models with up to 500m distance for reliable

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400G OSFP Transceiver Optics Types and Connections

Explore FS's 400G OSFP transceivers for seamless product integration and efficient network upgrades in data centers

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400G Optical Modules: The Most In-Depth Q& A You'll Ever Need!

Recently, we've received numerous inquiries from users about 400G optical modules. As a mainstream optical

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Optical Transceiver Manufacturer | 1G-800G Optics | Wolon

Custom 400G / 800G QSFP-DD & OSFP MODULE Enterprise & Access Optics
Engineered for enterprise networks and access layer

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400G Transceivers and Cables

400G Transceivers Guide 400G Transceivers Guide 400G Transceivers Guide 400G transceivers, Active Optical Cables (AOCs),

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Introduction to 400G Optical Modules · KAD

A clear, engineer-friendly overview of 400G optical modules, including standards, packaging formats, functions, and

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400G OSFP Optical Transceiver Modules | AscentOptics

AscentOptics provides a comprehensive 400G OSFP optical transceiver portfolio, such as OSFP SR8, OSFP DR4, OSFP DR4+,

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400G Optical Modules: The Most In-Depth Q& A You'll Ever Need!

Metropolitan Area Networks and Medium to Long-Range Connections: For connections spanning up to 10 kilometers,

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Comprehensive Guide to 400G OSFP Optical Modules: Specs,

With the growing demands of mobile data, the Internet, and big-data applications, 400G optical transceivers are

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Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

Cisco offers a range of GBIC, SFP, XFP, SFP+, CXP, CFP, Cisco CPAK, and QSFP+ pluggable modules. These small, modular

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Arista OSFP-400G-DR4

The Arista OSFP Transceiver Module allows data centers and high-performance computing environments to address growing needs

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OSFP Form Factor: Complete Guide to 400G/800G/1.6T

Complete OSFP form factor guide: dimensions, 8-lane architecture, thermal design, module types, and OSFP vs

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Know Your 400G Transceiver | Juniper Networks

400 Gigabit Ethernet (400G) transceivers are optical modules capable of handling data rates of 400 Gbps. With a transmission rate

May 25, 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

Jul 10, 2026

400G OSFP/QSFP-DD/QSFP112 Module Introduction and Selection

This article explores the technical characteristics, product lineup, and use cases of 400G OSFP/QSFP-DD/QSFP112

Mar 20, 2026

400G Optical Transceiver Overview: A Beginner Guide

400G optical transceiver, also called 400G optics, or 400G optical module, is an optical module that transmits or

Contact Us

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