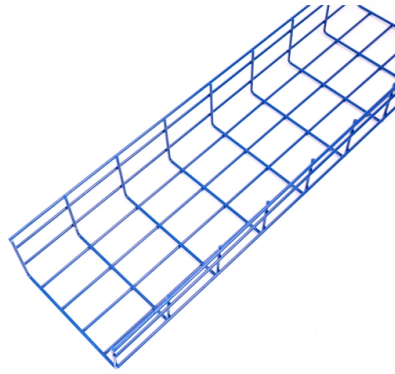


800G optical module SFP for campus network



Overview

The Cisco ® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x 100GE connectivity options, complying with the Octal Small Form Factor Pluggable (OSFP) MSA for pluggable transceivers. FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider networks. Engineered for enterprise networks and. An 800G module is a high-speed transmission module commonly used in data centers, communication networks, and other areas requiring high-density data transmission and high-speed data processing. The Strategy: Avoid the 300-500% OEM brand markup. Rule of thumb: Always. From 10G enterprise links to 800G AI data center fabrics, Cisco optical transceivers deliver certified, high-performance connectivity in hot-swappable form factors for every network role. Cisco optical transceivers span every speed tier from 10G to 800G, delivering.



Article Content

SFP Optical Transceivers: How Pluggable Optics Are Reshaping

SFP Optical Transceivers: How Pluggable Optics Are Reshaping Modern Networks in 2026 From gigabit Ethernet to 800G AI data center backbones — discover how SFP technology has

Data Center Transceivers & Cables

Arista offers a broad portfolio of high performance optical transceivers and copper cables for datacenter and campus networks, with speeds ranging from 1G to 800G, and reach from 1m to 80km+.

Third-Party Optical Transceivers Market by Form Factor, Connector

Actionable Recommendations for Optical Network Leaders Industry leaders should formalize optical qualification programs that test third-party modules across switch, router, storage,

How to Choose the Right Fiber Optic Cable for Your Optical

Learn how to choose the right fiber optic cable for SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, and OSFP optical transceivers. Avoid common fiber compatibility mistakes and improve

Optical Transceiver Market Size, Growth Drivers

Passive optical network modules remain essential in broadband rollouts, particularly where regulators mandate fiber-to-the-home coverage.

Cisco OSFP 800G Transceiver Modules Data Sheet

The Cisco ® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x 100GE connectivity options, complying with the Octal Small Form Factor

Cisco Optical Transceivers | 10G to 800G Modules

Cisco optical transceiver modules from 10G SFP+ to 800G OSFP/QSFP-DD. Hot-swappable, Cisco-certified modules for data center, enterprise, and service provider networks.

Optical Transceivers Market Size Report, 2026-2033

The SFP+ segment is expected to grow at a significant CAGR during the forecast period, driven by rising demand for cost-efficient, low-power optical modules

Arista Optics Modules and Cables

Deployment flexibility with 800G (dual 400G), 400G, 100G, 50G, 40G, 25G, 10G or 1G modules. Hot swappable to maximize uptime and simplify serviceability Data rates from 1GbE to 25GbE supported

15km Optical Transceiver Buying Guide

The phrase "15km transceiver" refers to an optical module optimized for intermediate-to-long reach (Intermediate Reach / LR), typically using 1310nm or 1550nm wavelengths over Single-Mode Fiber

Optical Transceiver Manufacturer | 1G-800G Optics

Our 1G to 2.5G SFP MODULE solutions deliver exceptional reliability and cost-effectiveness for campus networks and branch interconnections, flawlessly

800G Client Optics in the Data Center

The introduction of 800G switch ports, optical modules, and DACs provides a significant opportunity for service providers to upgrade network performance without waiting for the 800GE standards.

Optical Transceiver Types Explained: SFP, SFP+, QSFP, QSFP28

□□ Optical Transceiver Types Explained Every high-speed fibre network relies on a small but powerful component—the Optical Transceiver. It acts as the bridge between networking devices and ...

SFP Modules: Types, Selection Guide & Applications

An SFP module is a compact, hot-swappable optical transceiver designed to facilitate data transmission between network devices such as switches, routers, servers, and media converters.

Arista Optics Modules and Cables

Arista's Optical Modules and Cable portfolio offer a wide variety of high-density and low-power 800G (dual 400G), 400G, 200G, 100G, 50G, 40G, 25G, 10G, 1G, and 100M Ethernet connectivity options

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

Intelligent networking solutions for the AI era

LiteWave800™ redefines what's possible for intra-data center connectivity. Operating at just 1pJ/bit, it sets an industry benchmark – creating an entirely new

Datacom Optical Transceivers | Coherent

Networking Datacom Optical Transceivers Optimize your network by selecting from the most complete range of transceivers anywhere – for artificial intelligence (AI),

800G Optical Modules Explained: Standards, Types

We will explore the emergence, technical standards, packaging, types, and applications of 800G modules, and answer common questions to help you

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G transceiver modules are ideal choice for AI

Optical Transceiver Market Size, Share, Industry Report

With strong in-house capabilities in optical chip design and packaging, the company delivers 100G to 800G modules and coherent solutions tailored for 5G transport

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

Discover how 800G optical modules transform data centers with 40

With 35% lower cost-per-bit and 40% reduced power consumption (using silicon photonics) compared to 400G technology, 800G modules are rapidly becoming the preferred solution

Contact Us

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