

Price for Single-fiber Bi-directional 800G



Overview

800G OSFP-DR8: \$1,100-1,400 (volume pricing for 1000+ units) 800G QSFP-DD-DR8: \$1,000-1,300 (volume pricing) 800G OSFP-FR4: \$1,500-1,900 (longer reach, more complex optics) 800G LPO (Linear Pluggable Optics): \$700-900 (no DSP, lower cost) 400G QSFP-DD: 800G OSFP-DR8: \$1,100-1,400 (volume pricing for 1000+ units) 800G QSFP-DD-DR8: \$1,000-1,300 (volume pricing) 800G OSFP-FR4: \$1,500-1,900 (longer reach, more complex optics) 800G LPO (Linear Pluggable Optics): \$700-900 (no DSP, lower cost) 400G QSFP-DD: QSFP-DD pricing creates significant challenges for buyers due to the extreme opacity of the market. Standard procurement guides list endless catalog numbers without valuable context, overwhelming engineers with technical specifications while completely obscuring actual market costs. This guide. 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. For large-scale AI data centers deploying thousands of optical modules, total cost of ownership (TCO) analysis becomes critical. 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. It boasts the extraordinary ability to process 8 billion bits per second, more than doubling the. The MJ-OSFP800G-DR8 is a high-performance 800Gbps optical transceiver from Miljet, built in the OSFP form factor and based on the DR8 specification. It delivers 800Gbps of aggregate bandwidth through 8 parallel single-mode fiber channels, each operating at 100Gbps using 100G-PAM4 modulation.

Article Content

SFP+ transceiver CBO SFP-10G-BX-D | AiO.lv

Buy CBO SFP-10G-BX-D SFP+ 10G fiber transceiver for single-fiber bidirectional links. Order for reliable network upgrades with delivery in Riga, Latvia and the EU.

800g Fiberglass Bidirectional Knitted Fabric Ebx800

800g Fiberglass Bidirectional Knitted Fabric Ebx800, Find Details and Price about Glass Fiber Fabric Fiberglass Multi-Axial Fabric from 800g Fiberglass Bidirectional Knitted Fabric Ebx800 -

OSFP 8x100G DR8 Optical Transceiver Module | FiberMall

FiberMall OSFP-800G-DR8 OSFP 8x100G DR transceiver Module uses a Wavelength of 1310nm via MPO-16 connectors for 500m transmission over single-mode fiber (SMF).

800G Optical Transceiver Modules The Most detailed

Technology: Employs bi-directional transmission using two wavelengths (850nm and 910nm) within a single optical fiber. Single-Channel

Cisco OSFP-800G-DR8 OSFP 800GBASE-DR8 Module | FiberMall

Cisco OSFP-800G-DR8 800GBASE-DR8 OSFP transceiver Module uses a Wavelength of 1310nm via Dual MTP/MPO-12 connectors for 500m transmission over single-mode fiber (SMF).

Huawei TNS3NP800S01 Price Datasheet 1*400G PID Line Service

Check Huawei TNS3NP800S01 product detail and price trend at itprice .

fibreglass fabric biaxial 800g X225M (FULL ROLL of 63.5 m²)

Fiberglass fabric combined with chopped strand mat. Full roll of 50 lm (63.5 m²).
TECHNICAL CHARACTERISTICS. -45 ply: E-glass, 49.5% (400 g / m²) Please click on picture, for a closer view

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.

Experimental demonstration of 100 Gb/s single-fiber bidirectional ...

Abstract We experimentally demonstrate 100 Gb/s bidirectional transmission over 40 km using a multi-wavelength bidirectional optical sub-assembly (BOSA) based on a single bidirectional multi

800G OSFP 2xDR4/DR8, 1310nm, 500m, DDM, CDR,

It delivers 800Gbps of aggregate bandwidth through 8 parallel single-mode fiber channels, each operating at 100Gbps using 100G-PAM4 modulation. The

800G and 1.6T Data Centers: Why Single-Mode Fiber Is Overtaking ...

Explore how 800G and 1.6T data center networks are reshaping the multimode vs single-mode fiber debate, including SR8 vs DR8 optics, PAM4 baud rates, and total cost of ownership.

800g E-Glass 0/90 Degree Bidirectional Fabric

800g E-Glass 0/90 Degree Bidirectional Fabric, Find Details and Price about Fiberglass Multi-Axial Fabric and Fiberglass Knitted Fabric from CHANGZHOU

800G Optical Modules Explained: Standards, Types & Use Cases

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power AI, HPC & next-gen data centers.

800G to 4 x 200G Flat Top Passive Direct Attach Copper ...

The Vchung 800G OSFP Direct Attach Cable operates over passive copper, which requires no additional power to ensure quality connectivity. This breakout cable is compliant with OSFP MSA

Single Fiber Bidirectional SFP Transceivers

Single Fiber Bidirectional SFP transceivers use simplex single-mode fiber to double the bandwidth, data rates up to 4G and distances up to 160km.

160GSM 240GSM 300GSM 800GSM 1200GSM Multi

160GSM 240GSM 300GSM 800GSM 1200GSM Multi Axial Fiberglass Bidirectional Cloth, Glass Fiber Biaxial Cloth +45/45, 0/90 Degree 1250mm X 50kg, Find

Armored Fiber Optic Cables

Get diverse armored fiber patch cables for stronger protection of the optical fibers and stable transmission to support fiber optic cabling in harsh environments.

10G BiDi SFP+ Transceivers. Single-Fiber Bidirectional Transmission ...

Find 10G BiDi SFP+ Transceivers. Single-Fiber Bidirectional Transmission at ETU-Link, we are committed to provide professional technical 10G BiDi SFP+ Transceivers. Single-Fiber Bidirectional

FiberComplete PRO

Bidirectional IL/ORL and OTDR fiber acceptance testing done with just one fiber connection and a single button press. A complete suite of fully automated fiber testing capabilities

Real-time Single-Carrier 800Gb/s DP-64QAM Demonstration using Bi ...

Download Citation | Real-time Single-Carrier 800Gb/s DP-64QAM Demonstration using Bi-Directional Self-homodyne Coherent Transceivers with 200krad/s Endless Active Polarization

800G Multimode vs. Single-mode: Key Differences, Cost & Best

Multimode has a lower upfront cost, but single-mode is often more cost-effective in the long term due to better scalability and lower total cost of ownership (TCO).

800G OSFP FR8 Duplex LC Optical Transceiver | FiberMall

OSFP-800G-FR8L OSFP 800G FR8 Optical Transceiver Module (1271nm, 1291nm, 1311nm, 1331nm, 1351nm, 1371nm, 1391nm, 1411nm Duplex LC SMF 2km DDM)
OSFP 800G FR8 optical transceiver

BRKOPT-2699

High-Speed Interconnects: Backend network requires high speed 100G/200G or 800G optics to connect servers and network switches. These high bandwidth connections are essential for handling the data

Cisco GLC-BX-D-80 compatible SFP 1G Singlemode

Compatible Bi-directional Single-mode 1550/1490nm 80km SFP Transceiver for Gigabit Ethernet. This SFP transceiver module sends and receives its data on

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

Thorlabs Single-Mode Fiber

Product Specifications The Single Mode Optical Fiber, 830 nm by Thorlabs operates in the spectral range of 830 - 980 nm with a maximum attenuation of ≤ 3.0 dB/km. With an 80 μ m cladding and a

Types of 800G Optical Transceiver Modules

800G SR4.2 This solution uses two wavelengths, 850nm and 910nm, to achieve single-fiber bidirectional transmission, commonly known as bidirectional transmission. The module contains

Fiber optic transceiver module

Find out all of the information about the Eoptolink Technology Incorporation product: fiber optic transceiver module 800G AOC OSFP. Contact a supplier or the parent company directly to get a

800G Optical Module Cost Analysis | TCO Optimization Guide

Complete guide to 800G optical module costs and TCO optimization for AI data centers. Includes pricing analysis, cost comparison, vendor strategies, and ROI calculations for informed

800G/M2 Boat Hull E-Fiberglass Woven Roving

9micron Fiber Appearance Continous Fiber Glass Composition E-Glass Model Ewr800
Woven Type Plain GSM 800G/M2 Width 1000mm Length 50m Fiber Linear Density
2400tex Epi 4.6 Ppi 4

Contact Us

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