

Gulf Region Enterprise-Grade Optical Router SFP



AI Overview

Enterprise-grade SFP and optical transceivers in the Gulf region support high-speed connectivity from 1G to 100G, with local availability in Dubai and Abu Dhabi for Cisco, Juniper, Fortinet, and other major network equipment.

Overview of SFP Modules and Optical Transceivers

SFP (Small Form-factor Pluggable) modules are critical for enabling fiber optic and high-speed copper connectivity in enterprise networks, data centers, and telecom infrastructure. They provide flexible interface options, long-distance transmission, and scalability for modern network deployments. In the Gulf region, popular SFP types include:

- 1G SFP:** Copper (RJ45) or short-range fiber for legacy networks and SMB environments (e.g., GLC-TE, SFP-1G-T)
- 10G SFP+:** Short-range (SR) and long-range (LR) fiber for intra-datacenter and campus connections (e.g., SFP-10G-SR, SFP-10G-LR)
- 25G SFP28:** High-density data center interconnects
- 40G QSFP+:** Leaf-spine topologies and aggregation switches (e.g., QSFP-40G-SR4)
- 100G QSFP28:** Long-range single-mode fiber for hyperscalers and colocation data centers (e.g., QSFP-100G-LR4)

These modules are compatible with Cisco, Juniper, Fortinet, Arista, Huawei, MikroTik, and over 50 other network brands, ensuring interoperability across multi-vendor environments.

Performance and Specifications

Enterprise-grade SFP modules in the Gulf region are designed for high reliability and low latency:

- Short-range 10G SFP+:** Up to 300 meters on OM3 and 400 meters on OM4 multimode fiber, operating at 850nm wavelength with VCSEL technology
- Long-range 10G SFP-LR:** Up to 10 km over single-mode fiber, suitable for campus or metro networks
- 40G and 100G QSFP:** Support MTP/MPO connectors for high-bandwidth aggregation and data center spine-leaf topologies

Environmental tolerance: Operating temperatures from 0°C to 70°C, storage from -40°C to 85°C, w...

Article Content

10GBASE-SR SFP Module Enterprise Class: Complete Guide

This article explains what a 10GBASE-SR SFP Module Enterprise Class is, how it works, how it differs from commercial and carrier-class optics, and how to choose the right module for enterprise

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical transceivers, fiber sfp.

Top-Rated IT Network Solutions & Transceivers in the Middle East | SFP

Trusted by professionals across the Middle East, we offer 100% rated IT network solutions and high-performance optical transceivers. Fast delivery, expert support, and unbeatable pricing.

SFP Modules for Industrial Networks | Westward Sales

Industrial-Grade SFP Modules for Seamless Connectivity Small Form Factor Pluggable (SFP) transceiver modules form the interface between fiber optics and

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and making enterprise operations far more efficient.

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP

The Huawei SFP-GE-LX-SM1310 is a carrier-grade optical transceiver designed for Gigabit Ethernet over single-mode fiber. Operating at 1.25Gbps with a 1310 nm

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.

10GE SFP+ Optical Modules

CloudEngine 12800 and 12800E Series Switches Hardware Description This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

What is an SFP? Learn how SFP transceivers work,

At SFPS.ae, we specialize in enterprise-grade SFP, SFP+, QSFP, and high-speed interconnect cables with technical support and competitive pricing.

Top 5 Sfp Module Manufacturers In The U.S. For

Why enterprise buyers pick them: Cisco sells optics certified for Cisco platforms and offers enterprise-grade support, multi-region fulfillment and an extensive catalog

Cisco SFP-10G-SR Gigabit Interface Converter SFP Module

The Cisco 10GBASE-SR SFP Module delivers a wide variety of 10-Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications.

SFP-10G-SR 10GBASE-SR SFP+ Module | Gear Net Technologies

The SFP-10G-SR 10GBASE-SR SFP+ module is available at Gear Net Technologies, where we provide all types of Enterprise-Class SFP+ modules. Furthermore, we guarantee 100% compatibility with the

Gulf Region Enterprise-Grade Optical Router SFP

The SFP-10G-SR is the most widely used 10G short-range transceiver in enterprise and service provider networks. It runs over multimode fiber and is ideal for in-rack or intra-datacenter connections.

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

Cisco SFP-10G-SR 10GBASE-SR SFP+ Transceiver

The Cisco SFP-10G-SR is an enterprise-class SFP+ transceiver designed for high-density 10GBASE-SR links over multi-mode fiber. Delivering 10 Gbps over MMF

10GBASE-SR SFP Module Enterprise Class: Complete Guide

Learn what a 10GBASE-SR SFP Module Enterprise Class is, how it works, key specs, temperature range, compatibility, and how to choose the right 10G SR transceiver.

Best Place to Buy 10G SFP+ SR Transceivers in the

Customers in the Gulf are increasingly searching for terms such as “10G SFP+ SR module Dubai,” “10Gtek transceiver UAE,” “10G SFP pack Abu

SFP Modules Dubai | IRIX Fiber Optic Transceivers & SFP+ UAE

IRIX Computer Systems Trading LLC, Dubai's established networking specialist since 2008, delivers comprehensive SFP module solutions including 1G SFP, 10G SFP+, 25G SFP28, 40G QSFP+, 100G

Top 5 Channels To Buy Sfp Modules In The Middle

Looking for reliable SFP module suppliers in UAE & Saudi Arabia? Discover the top 5 channels to buy optical transceivers — from authorised distributors and VARs

Contact Us

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

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