

Stocked Low-Power Optical Modules SFP



Article Overview

Low-power SFP modules are available for 1G, 2G, 4G, and 10G applications, supporting both single-mode and multimode fiber with power consumption typically below 800mW.

Overview of Low-Power SFP Options

1G/2G/4G SFP Modules

- Designed for Fast Ethernet, Gigabit Ethernet, and Fibre Channel applications.
- Support both single-mode and multimode fiber, with transmission distances ranging from 100m to 120km depending on fiber type.
- Valued for low power consumption, cost-effectiveness, and flexibility in enterprise, data center, and telecom environments (FS, Smartoptics) . 10G SFP+ Modules
- 10GBASE-SR multimode SFP+ modules consume less than 800mW, supporting OM3 fiber up to 300m.
- 10GBASE-LR single-mode SFP+ modules support distances up to 10km over OS1 fiber.
- Compatible with Cisco, HP, and Brocade equipment, offering high-density, high-performance interfaces for Ethernet and Fibre Channel networks .

Key Features to Consider

- Form Factor: SFP (1G-4G), SFP+ (10G), SFP28 (25G), QSFP+ (40G), QSFP28 (100G), OSFP/OSFP-DD (200G-800G).
- Fiber Type: Single-mode (SMF) for long distances, multimode (MMF) for short-rang...

Article Content

Optical Transceivers: High-Performance Modules for

Power your network with Innoptical's high-performance optical transceivers. From low data rates to 800GB,

Ultimate Guide to SFP+ Modules: Types, Applications, and Selection

SFP+ transceiver modules are an advanced iteration of the Small Form-factor Pluggable (SFP) interfaces designed to

OEM SFP Modules Explained: Compatibility, Cost and Use Cases

Understand OEM SFP modules, pricing, compatibility, lifespan, and differences vs third-party optics. Learn what

1/2/4G Transceiver Modules | Optical Transceivers

FS provides 1/2/4G transceivers modules in SFP form factor, supporting transmission distances from 100m to 120km over SMF/MMF

SFP Module: What's It and How to Choose It?

Too high or too low temperatures can affect the optical power and optical sensibility. Therefore, temperature stability is

Optical Transceivers / SFP Modules – High-Performance Compatible

Engineered to meet IEEE 802.3 and MSA standards, our module provide excellent signal integrity, low power consumption, and

SFP Modules

Buy SFP Modules from top brands like Hanwha Vision, GeoVision, NVT Phybridge and Pelco. Visit us for unbelievable prices,

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable

Low-Power Optical Modules Supplier Guide: to Lower Data center Costs

Optical modules (SFP, SFP+, QSFP) are small, but when multiplied by thousands of ports they become a meaningful line item in

SFP Optical Transceiver Products | Syrotech Networks

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

Buy Transceivers – SFP, SFP+, and QSFP Modules

SFP modules – selection and possible applications The SFP module (Small Form-Factor Pluggable or Mini GBIC (Gigabit Interface

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

SFP Optical Module Specifications: Standards & Performance

A practical guide to SFP Optical Module Specifications, covering data rates, optical budget, Tx/Rx power, DDM/DOM,

SFP Optical Modules: The Essential Bridge in Modern Communication

SFP optical modules are essential components in cutting-edge network infrastructure, enabling high-speed, reliable

Low-Power Optical Modules Supplier Guide: to Lower Data center Costs

What vendors call “low-power”: in practice you'll see modules marketed as “low-power SFP” or “energy-optimized SFP+” and

1G SFP Optical Transceiver Modules | Solid Optics

1G SFP optical transceiver modules for multi-mode and single-mode in distances ranging from 300 meters up to 80km with a limited

The Critical Role of Low-Power Optical Transceivers in Energy

Explore the definition, applications, and product advantages that set 10G low-power optical modules apart from

What is SFP Module and How to Choose it

Extremely high or low temperatures can impact the optical power and sensibility of the module. Hence, maintaining a

Transceivers, optical modules

SFP SFP+ XFP SFP28 QSFP+ QSFP28 optical modules with 100M, 1G, 10G, 25G, 40G, 100G bandwidths. Compatible with chosen

Arista Optics Modules and Cables

Overview Arista's Optical Modules and Cable portfolio offer a wide variety of high-density and low-power 800G (dual 400G), 400G,

SFP modules – transceivers for 1/2/4G fibre channel

SFP transceivers are valued for their flexibility, low power consumption and ability to support both single

SFP Modules: Types, Selection Guide & Applications

An SFP module is a compact, hot-swappable optical transceiver designed to facilitate data transmission between

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

Tunable SFP : Optical Transceiver Module | NEC

NEC's Tunable SFP is an optical transceiver that allows wavelength change and contributes to the WDM of

Types of Optical Modules

An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and

Optimizing Network Upgrades with FS 25G SFP28 Modules

FS 25G optical modules feature Macom chips, ensuring low power consumption while enhancing overall network

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified,

SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules

Contact Us

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