Low-power optical module SFP with delivery date in Finland



Overview

Choosing low-power optical modules today is one of the simplest, lowest-risk ways to reduce OPEX and improve sustainability without changing architecture or vendor lock-ins.

Key Takeaways

Low-power SFP optical modules, consuming roughly 0. 8–1. 5 W, are available from suppliers like FS and Sanoc, with delivery options to Finland depending on stock and order size.

Overview of Low-

Power SF

P ModulesLow-power SFP modules are designed to reduce energy consumption and heat generation in data centers and network infrastructure. Typical small form-factor transceivers consume 0. 8–1.

5 W, with low-power variants achieving 20–35% lower power draw through optimized components and power gating on idle lanes, making them ideal for energy-efficient deployments. These modules support a range of transmission distances from 100 meters to 120 km over single-mode or multi-mode fiber, depending on the model. Supplier OptionsFS (Fiberstore): Offers 1/2/4G SFP transceivers with low-power designs, supporting both SMF and MMF fiber.

F

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S maintains nearby warehouses and provides 30-day free returns, which can facilitate faster delivery to Finland. Sanoc: A Taiwanese manufacturer with over 20 years of experience in optical modules.

Their Eco

Fiber low-power platform emphasizes energy efficiency and sustainability. Standard lead times for custom or large orders are 6–8 weeks, but popular models may be shipped sooner from inventory.

Key Features

Energy Efficiency: Low-power SFP modules reduce per-port energy consumption, saving operational costs in large-scale deployments. Compatibility: Supports gigabit Ethernet, SONET, and other communication standards, with backward compatibility for SFP, SFP+, and SFP28 platforms. Applications: Suitable for enterprise access, metro aggregation, edge networks, and data centers where power and heat management are critical.

Delivery Considerations to Finland

Vendors like FS and Sanoc ship internationally, and delivery times depend on stock availability and order complexity. For standard low-power SFP modules, delivery from European or nearby warehouses can be faster, typically within 1–3 weeks. Custom or bulk orders may require 6–8 weeks.

It is recommended to contact suppliers directly to confirm shipping options, lead times, and any import requirements for Finland.

Conclusion

For low-power SFP optical modules in Finland, FS and Sanoc are reliable suppliers offering energy-efficient, cost-effective solutions. Standard models can often be delivered quickly from inventory, while custom or high-volume orders may require longer lead times. These modules provide significant operational savings and are suitable for modern network infrastructure.

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