



Distributor of 1G Active Optical Devices

Article Overview

Supreme Components, BlueOptics, Solid Optics, and Wolontek are key distributors of 1G SFP optical transceivers.

Authorized Distributors and Manufacturers

Supreme Components International (SCI) is an authorized distributor for Approved Technology 1G CWDM SFP transceivers, such as the CWDM-SFP-1G-1470-100-MSA-AT. These modules operate at 1470nm and support transmission distances up to 100km, suitable for long-haul communication links. SCI provides quotes upon request and ensures MSA compliance for broad compatibility with networking equipment. BlueOptics offers a range of 1G BiDi (Bidirectional) SFP transceivers, enabling data transmission over a single fiber. Their products support distances from 10km to 20km over single-mode fiber and are compatible with major vendors like Cisco, HP, and Juniper. BlueOptics emphasizes energy efficiency, reliability, and high-speed 1Gbps connections. Solid Optics supplies 1G SFP optical transceivers for both multi-mode and single-mode fiber, covering distances from 300 meters up to 80km. They provide a limited lifetime warranty and focus on high-quality, reliable modules for enterprise and ISP networks. Wolontek is a direct manufacturer offering industrial-grade 1G SFP modules, including short-range (1000BASE-SX), long-range (1000BASE-LX/LH), extended reach (1000BASE-EX/ZX), and BiDi SFPs. Wolontek modules are MSA-compliant, compatible with over 100 vendors, and available in commercial and industrial temperature ranges. Factory-direct sourcing can reduce costs by 30-50% while maintaining signal integrity and monitoring capabilities.

Key Considerations

- o Compatibility: Ensure the SFP module is compatible with your network equipment; most distributors provide vendor compatibility lists.
- o Transmission Distance: Choose modules based on required range (short, long, or extended reach).
- o Fiber Type: Select single-mode or multi-mode depending on your infrastructure.
- o Vendor Support: Authorized distributors often provide technical support, warranty, and compliance with MSA standards. These distributors provide reliable sourcing options for 1G active optical devices, whether for enterprise networks, data centers, or ISP deployments.

Active Optical Devices Market size was valued at \$ 5.69 Billion in 2025 & is estimated to reach \$ 15.26 Billion by

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Conclusion Optcore 1G optical transceivers are the perfect choice for high-speed network applications such as data

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

Active Optical Module market valued at \$10.7 billion in 2025, projected to reach \$35.6 billion by 2034 at 14.2% CAGR, driven by data

This comprehensive guide aims to delve into the fundamentals, applications, installation, and configuration of 1G

Top 28 Optical Communication Systems Companies 1. Acacia Website: acacia-inc.com Ownership type: Corporate Headquarters:

20 Active Optical Cable Manufacturers in 2026 This section provides an overview for active optical cables as well as their

High-performance SFP transceivers for Gigabit Ethernet, Fast Ethernet, and SONET applications. EdgeOptic's SFP (Small Form

Thorlabs" collection of components and systems below are designed to actively manipulate the properties

You can use our optical transceivers as affordable alternative for SFP modules of leading vendors, without quality loss. Our products

High-quality, affordable, custom-made active optical cables for multi-line data communications, interconnecting applications, and high

Learn how to choose the right 1G SFP module for your network. Our guide covers compatibility, distance, fiber type, cost, and vendor

Founded in 2003, the company specializes in the distribution of microscopes, stereomicroscopes, microscopy cameras, and

People commonly use SFP transceivers to connect network devices and cables. With the increasing range of

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

Web: <https://bssoda.pl>



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