

## Inquire about 1G tunable optical module



### Overview

This module is designed for high-density, long-range data transmission in telecom infrastructures, metro networks, and data centers. While 10G-to-1G applications are a proven and widely used architecture, they aren't always the most economically optimized choice for the 1G edge. Optimized for the 1G Edge Instead of relying on multi-purpose hardware, our Native 1G offering utilizes a hardware design specifically for high. The TSFP1G-100 (I) transceiver supports 1G Ethernet over single-mode fiber with a reach of 100+ kilometers using tunable DWDM technology in the C-band, available in an I-temp variant with built-in DDM. SFP, ZX, Tunable, DWDM C-band, 1G, 100+km, SMF/LC The TSFP1G-100 (I) optical transceiver module. However, selecting the right 1G SFP module is far more complex than simply choosing a “1 Gbps” optic. Network engineers and procurement teams must consider multiple variables, including transmission distance, fiber type, wavelength, equipment compatibility, operating environment, and total cost of. Delivering premium network optics with 100% compatibility for Cisco, Juniper, Huawei, and 100+ major brands. Manufactured in our class-100k dust-free workshops in Wuhan, we bring you direct-from-factory pricing without compromising on rigorous

quality control. We offer transceivers for SR8, VR8 and 2xDR4 interfaces, AOC and DAC.

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Discover reliable and versatile 1G SFP optical transceivers fully compatible with Cisco, Huawei, Juniper, Arista, and more. Choose from SX, LX, and TX modules.



FS offers transceiver custom option to help you design 100M/1G transceiver modules from data rate, connector type, compatibility, to form factor. All customized optical transceivers offer a five-year ...



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



At Pivotal Optics, that is the exact approach we took with our Native 1G Tunable SFP offering. For years, 1G DWDM operators have managed a difficult balancing act between two ...



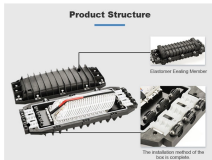
We offer optical modules supporting speeds from 1G to 400G, ideal for expanding network infrastructure in data centres and telecom operators. Find out how easy it is to connect equipment from different ...



1G SFP optical modules supporting SX, LX, EX and ZX for gigabit Ethernet and enterprise networking applications.



Explore the transformative journey of 1G optical modules in networking through our comprehensive guide. From defining their role to unraveling the evolution of data transfer ...



Superxon 1G SFP transceiver is a high-performance, hot-pluggable module designed for 1G Ethernet applications. Compliant with the latest SFP MSA and IEEE802.3ae standards, this transceiver ...



Source premium optical transceivers (1G to 800G) direct from our Wuhan factories. 100% brand compatible, OEM custom options, and rigorous ...



Source premium optical transceivers (1G to 800G) direct from our Wuhan factories. 100% brand compatible, OEM custom options, and rigorous quality testing.



The TSFP1G-100 (I) optical transceiver module supports 1G Ethernet transmission over ultra-long distances of 100+ kilometers using tunable dense wavelength division multiplexing (DWDM) ...

## Contact Us

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

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