

# 1G Tunable Optical Module



## Overview

The TSFP-NBx-120 optical transceiver module is a tunable SFP designed for 1G Ethernet applications. Power Consumption CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while converters are. 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. Therefore, it is sometimes called 1G SFP or GE SFP module. As a direct manufacturer, Wolontek provides cost-effective, industrial-grade SFP transceivers that fully comply with MSA. Full Spectral Coverage: This 1G tunable solution is a two-part offering that covers a broad range of 40 channels across the C-Band, specifically ITU channels 21 through 60. Wavelength Reliability: Our design ensures wavelength control is maintained within  $\pm 0$ .

## Article Content

### 1G Modules

1G transceivers modules in SFP form factor, supporting transmission distances from 100m to 120km over SMF/MMF fiber and enabling low power and cost-effective connectivity solutions, 100%

### 1G SFP DWDM tunable transceivers simplify stock

In-field tunable 1G SFP DWDM transceivers that can reduce 40 parts to 5 with a range of 8 channel wavelength requirements. Reduce inventory

### 1G Bidirectional Single-Mode Optical Module

SFP transceiver that supports 1G connections up to 3 km using single-mode fiber with a simplex LC UPC connector.

### 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 lifetime warranty.

### 1G SFP Optical Transceiver

T1-SFP-1G-LX is a high-performance, cost-effective module with a Duplex LC optics interface with a Standard AC coupled CML for high-speed signal, and LVTTTL

### 1G BiDi SFP

GIGALIGHT's 1G BiDi SFP series optical transceiver modules support a speed of 1.25Gbps, widely used in Gigabit Ethernet, 1G fiber channel, and SDH. They can

### The Ultimate Guide to 1G SFP Modules: What They Are

Explore the world of 1G SFP modules in our ultimate guide and discover why they're the key to faster, more reliable Ethernet networks.

### TSFP1G-100 (I)

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

### UBIQUITI® UniFi 1G Multi-Mode Optical Module

Gestalten Sie Ihren Datenstrom sicherer und schneller mit den UBIQUITI® UniFi 1G Multi-Mode Optical Module Transceivern 1-fach. Sie sorgen für eine gute

### Tunable SFP : Optical Transceiver Module | NEC

NEC has been developing and manufacturing optical transceivers for more than 30 years since the dawn of the optical communications era. Based on this extensive

### Exploring the Specifications of 1G Optical Modules

The article equips readers with insights into the specifications of 1G optical modules that drive seamless connectivity and reliability within

### UF-MM-1G Ubiquiti compatible 1Gbps 550m module | EDGE Optical

Ubiquiti Networks compatible UF-MM-1G, 1 Gbps Multi-mode Optical Module, up to 1.25 Gbps speed over distances up to 550 meters.

### 1G Multi-Mode Optical Module

CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while converters are powered.

### 1G SFP Modules: A Deep Dive into Specs & Types

Learn how to choose and optimize 1G SFP modules. Compare specs, fiber vs copper types, troubleshooting tips, and best practices for reliable networks.

### ProLabs simplifies transceiver stocking with new cost

TUSTIN, Calif., Oct. 13, 2020 /PRNewswire/ -- ProLabs, a global leader in optical networking and connectivity solutions, has launched its new 1G DWDM tunable

### UniFi 1G Multi-Mode Optical Module

SFP transceiver that supports 1G connections up to 550 m using multi-mode fiber with a duplex LC UPC connector.

### 1G SFP - Optcore

Upgrade your network switches with various 1G SFP. Guarantee compatibility with Cisco, Arista, HPE and more. Save 80%, Fast shipping & 5-year warranty.

### 10G Tunable SFP+ - Optcore

It is a high-performance SFP+ module for 10G Ethernet, 10G Fibre Channel, SONET OC192, and SDH STM-64 DWDM systems. Capable of being tuned by the

### Filling the Market Gap: The Case for a Native 1G Tunable SFP

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

### Product Specification SFP DWDM 1G 80km LC and SFP DWDM 1G

Network Direct DWDM SFP Optical Transceivers Product Features Wavelength selectable to C-band and L-band ITU-T grid wavelengths

## 1G SFP Optical Transceivers | Transceiver Modules

Store.QSFPTEK 1G SFP transceivers provide wide selection for various Gigabit Ethernet applications, such as 100+ vendors compatibility, copper/fiber, SMF/MMF, 100m to 80km.

### MSA & TAA COMPLIANT XCVR 1G-DWDM LC TUNABLE 120KM SMF SFP SFP-1G

This MSA Compliant compatible SFP transceiver provides 1000Base-DWDM throughput up to 80km over single-mode fiber (SMF) using a narrowband, tunable wavelength via an LC connector.

### XGSPON OLT SFP+ E2-PON

The HG Genuine PLGS1-98A/98B Transceiver is a high performance, cost effective module for serial optical data communication applications to 10G. The PLGS1-98A/98B is designed to XGSPON OLT.

### 1g sfp module

Browse our extensive selection of 1G SFP Modules (1.25Gbps), engineered for reliable Gigabit Ethernet connectivity in data centers, campus networks, and ISP

### HG Genuine Compatible Transceivers | EDGE Optical Solutions

Browse HG Genuine compatible optical transceivers. 100% compatible, tested and certified. Fast shipping, competitive pricing.

### TSFP-NBx-120 | Precision OT

The TSFP-NBx-120 optical transceiver module is a tunable SFP designed for 1G Ethernet applications. Operating within the narrow DWDM band (ITU channels 20 to 60), this transceiver enables flexible

## Contact Us

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

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