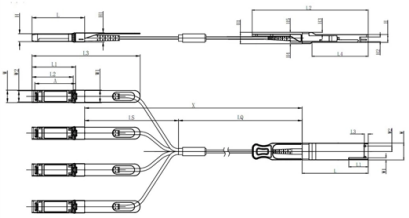
Optical to Electrical Port Module 1g



Unit mm

QSFP28	L	L1	L2	L3	L4	W	W1	W2	H	H1	H2	H3	H4	H5	H6
Max	72.2	-	128	4.35	61.4	18.45	-	6.2	8.6	12.4	5.35	2.5	1.6	2.0	-
Type	72.0	-	-	4.20	61.2	18.35	-	-	8.5	12.2	5.2	2.3	1.5	1.8	6.55
Min	68.8	16.5	124	4.05	61.0	18.25	2.2	5.8	8.4	12.0	5.05	2.1	1.3	1.6	-

SFP28	L	L1	L2	L3	W	W1	W2	H	H1	A
Max	57.6	47.7	44.55	119.9	13.8	14.0	12.3	8.7	10.3	45.25
Type	57.4	47.5	44.35	117.9	13.55	13.8	12.1	8.5	10.1	45
Min	57.2	47.3	44.15	115.9	13.3	13.6	11.9	8.4	9.9	44.65

Overview

A gigabit SFP module (1G SFP module) is a Small Form-factor Pluggable (SFP) transceiver designed to support 1Gbps Ethernet transmission by converting electrical signals from a network device into optical or electrical signals suitable for the selected transmission medium. Despite the rapid adoption of 10G and higher-speed. FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G switches, routers, servers, NICs and other transmission equipment. Click to get your 1GBE transceiver modules from nearby warehouses. 30-Day. 1 Gbit/s SFP optical/electrical module apply to GE interfaces for interconnection between GE optical and electrical interfaces. SFP-1000BaseT cannot be used on a combo port. As a direct manufacturer, Wolontek provides cost-effective, industrial-grade SFP transceivers that fully comply with MSA. 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. Buy QSFPTEK 1G SFP (small form factor pluggable) with wide selection of 200+ brands compatible, 1000base-sx SFP, 1000base-lx SFP, 1000base-t SFP and 10/20/40/80km.

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Article Content

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.

Choosing the Right 1G SFP Transceivers for Your Network Upgrade

With the increasing range of applications, many 1G SFP transceivers are available. However, choosing the right 1G SFP modules for your specific requirements can be difficult. If you

Hirschmann OZD PROFI 12M G11 Profibus, Fiber

OZD PROFI 12M G12The OZD Profi 12M repeaters is designed to be used in optical PROFIBUS field bus networks according to IEC 61784 ED.1:2002

Optical Interconnect Technology Analysis: LPO, NPO,

Exploring optical interconnects for AI data centers: LPO for low-power, short-distance links, NPO for high-density, near-package connections,

Optical Transceiver Market Price Trends 2026: TCO & Risks

Discover the real engineering TCO behind optical transceiver market price trends in 2026. Explore 800G thermal risks, LPO failures, and hidden OPEX metrics.

Gigabit SFP Module: A Complete Guide to 1G SFP Transceivers

Learn what a gigabit SFP module is, how it works, main types, key specifications, and common use cases to choose the right 1G SFP for your network.

Optical Transceiver Market Price Trends 2026: TCO & Risks

Optical Transceiver Market Price Trends 2026: The 800G Shift Procurement forecasts frequently project aggressive price drops for 800G optics by 2026, ignoring the non-linear power

A Comprehensive Guide to Understanding 1G Optical

1G optical modules play a vital role in modern networking, offering high-speed, reliable, and scalable data transmission. By understanding the

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.

SFP-1G-SX Explained: The Essential Guide to 1G

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Discover how this module powers core enterprise networking. The relentless demand for faster, more reliable network infrastructure makes fiber

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

1G Ethernet and FC SFP – Gigabit Ethernet (GbE) and 1G FC SFP transceivers for cost-effective optical networking, available in both single-mode and multimode

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

1G SFP Ethernet Transceivers and Cables for Enterprise, Telecom,

NADDOD offers reliable, high-performance SFP transceivers and cables, engineered for stable 1G networking. NADDOD SFP modules deliver consistent low latency and excellent signal integrity,

Wholesale Optical Transceivers Module | 100G

High-Performance Optical Transceivers: 1G to 400G Connectivity Solutions An Optical Transceiver is a critical optoelectronic component that facilitates

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

The Ultimate Guide to 1G SFP Modules

In this comprehensive guide, we delve into the world of 1G SFP modules, providing a complete understanding of their functionality, types, and

Comprehensive Guide: Applications, Installation

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

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.

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.

A Comprehensive 1G Optical Modules Guide to

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

1G Series: 1 Open SFP Port, Gigabit, 1 Ethernet Port,

The American Fibertek 1G Media Converter Series transmits and receives a 10/100/1000Base-T Ethernet signal at the RJ45 port and a 100 Base- FX or

1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for

The Power of 1G Optical Modules: How They Enhance

Conclusion In conclusion, 1G optical modules are the unsung heroes of high-performance networks. Their ability to convert electrical signals

1G 1310nm 2km SFP SX Transceiver Module

This 1G SFP SX transceiver module fully complies with the SFP Multi-Sourcing Agreement (MSA) and can be used on MSA compliant SFP ports of optical

A Quick Guide to 1G Optical Transceiver

1G optical module refers to the optical module with a transmission rate of 1.25Gbps. The 1G optical module is already a very mature series of

1G/2.5G SFP Cable and Transceiver Modules Data Sheet

Interoperable with other IEEE-compliant 1000BASE interfaces where applicable Digital optical monitoring capability for strong diagnostic capabilities Certified and tested on Cisco, Arista, Juniper,

1 Gbit/s SFP Optical/Electrical Modules

1 Gbit/s SFP optical/electrical module apply to GE interfaces for interconnection between GE optical and electrical interfaces. SFP-1000BaseT cannot be used on a combo port.

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1G SFP Mini GBIC | SFP Transceiver Modules

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