

ASEAN 100Mbps Single-Mode Optical Module



Overview

Designed for single-mode fibers, this module efficiently handles 100Mbps data rates over a 20km distance using Wavelength Division Multiplexing (WDM) technology with a single fiber at 1550/1310nm wavelengths. Leverage the capabilities of the SOLTECH SFP-SMWA 100M Optical Transceiver Module for advanced fiber optic networking. It uses LC connectors, operates at a 1310nm wavelength, and supports long-distance data transmission up to 100 kilometers, ideal for extending 100Mbps Ethernet links over. In the vast ecosystem of network infrastructure, the humble 100M optical transceiver (or 100M SFP module) remains a critical workhorse for enterprise access layers, industrial networks, and legacy system upgrades. Therefore, whether you are looking for Single mode SFP, Single mode CWDM, Single mode DWDM, or BiDi transceiver, OPTCORE is one of the. TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.



Article Content

Dec 10, 2025

Understanding Single-mode and Multi-mode SFP

As SFP single-mode optical modules and SFP multi-mode optical modules are incompatible. If you mix SFP single-mode optical modules and SFP multi-mode

Jul 21, 2025

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

SFP Transceiver

It uses LC connectors, operates at a 1310nm wavelength, and supports long-distance data transmission up to 100 kilometers, ideal for extending 100Mbps

Oct 12, 2025

Single Mode SFP Transceiver | Optcore

Equip with a long wavelength single mode optical transmitter and receiver, this SFP is suitable for single mode fiber systems. It is targeted at medium to long-reach

Jan 01, 2026

MSA Uncoded SFP Module

TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network

Jan 31, 2026

SFP-SM Single-mode 100Mbps Optical Module

RoHS compliant and Lead Free Up to 20 km transmission on SMF Low EMI and excellent ESD protection Single 3.3V power supply operating temperature range: 0°C to 70°

Dec 21, 2025

MTS-SFP-100M-SM/LC

MTS-SFP-100M-SM/LC - HIRSCHMANN IT 100M SFP Module 100Mbps, Single-mode, 1310nm, 20km, LC, DDMI Request Quote Compare

May 14, 2026

MFB-TF20 Single Mode, 100Mbps SFP fiber transceiver

PLANET's Small Form Factor Pluggable (SFP) transceiver modules are specifically designed for high performance integrated duplex data link over single mode

May 21, 2026

SFP-SMWA Single-mode WDM 100Mbps Optical Module

SFP-SMWA Single-mode WDM 100Mbps Optical Module Single-mode WDM(1550/1310nm) 20km 100Mbps SFP Optical Transceiver

Mar 27, 2026

155M 1310nm 20km SC/FC/ST 1x9 Transceiver for

155Mbps Singlemode 1310nm 20km SC/FC/ST 1x9 Fiber Optical Transceiver for FE/STM-1/OC3 Manufacturer, Affordable Factory Price,5-Year Warranty & Money

Jul 29, 2025

Gigabit Mini FTTH 1 Sc with 1 RJ45 Optical Transceiver

Gigabit Mini FTTH 1 Sc with 1 RJ45 Optical Transceiver 10/100/1000Mbps Single Fiber Single Mode Fiber Optic Media Converter, Find Details and Price about

Apr 27, 2026

Complete Guide to Choosing the Right 100M Optical

Choose the right 100M optical transceiver by checking compatibility, fiber type, wavelength, distance, data rate, connector, and reliability.

Jun 04, 2026

Single Lambda 100G QSFP28 Modules Overview

To achieve these standards, expensive optical components and different packaging types are required.To cut costs and enhance transmission speed, the industry

Jul 15, 2025

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

100M Ethernet and SDH/SONET SFP - SFP modules designed for Fast Ethernet and SDH/SONET applications, supporting speeds from 10 Mbps to 100 Mbps

May 07, 2026

HANUTECH 1.25G Gigabit Ethernet Fiber Media

1.25G Gigabit Ethernet Fiber Media Converters with SFP LC Single Core Transceiver Module, Single-Mode LC, SMF RJ45 to SFP Slot up to 20KM,

May 16, 2026

100G Optical Module Selection Guide: Advantages and Types of

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

Mar 26, 2026

Unlock High-Density 100G Connectivity: Your Guide to the 100G

Enter the 100G PSM4 (Parallel Single-Mode 4-lane) optical module – a crucial workhorse powering efficient 100 Gigabit Ethernet (100GbE) links. This guide dives deep into what makes

Jan 08, 2026

1G SFP LX 20km

- Duplex LC connector • Built-in digital diagnostic functions • Up to 20km on 9/125um SMF • Single power supply 3.3V • RoHS Compliant • Class 1 laser product complies with EN 60825-1 • Operating

Feb 08, 2026

MSA Uncoded SFP Module

MSA Uncoded SFP Module - 100BASE-LX - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 10km - 1310nm - DDM Learn why IT Pros

Oct 14, 2025

Exploring 100G Single Mode QSFP28 Transceiver Types

Explore 100G single mode QSFP28 module types by distance, cost, and use case to select the best fit for data center, metro, or long-haul networks.

Dec 27, 2025

SOLTECH SFP-SMWA 100M Optical Transceiver | Single-Mode

Designed for single-mode fibers, this module efficiently handles 100Mbps data rates over a 20km distance using Wavelength Division Multiplexing (WDM) technology with a single fiber at

Jan 04, 2026

SFP Transceiver

SFP Transceiver - Singlemode - 100km Item number FSFIBER-SFP-100 The 100Mb SFPfbr xcvr sm 1310 is a 100Base-FX small form-factor pluggable (SFP)

Jul 26, 2025

10/100/1000m Single Mode Single Fiber Sc Media Converter 20 Km

Product Description 10/100/1000m Single Mode single Fiber SC Media Converter 20 Km 1 scription The fiber media converters are a full line of products that transparently connects copper network

Nov 21, 2025

StarTech MSA Uncoded Compatible SFP Module

StarTech MSA Uncoded Compatible SFP Module - 100BASE-LX - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 10km -

Jun 24, 2026

JT-COM 1 Pair Gigabit Fiber Optical Media Converter

JT-COM 1 Pair Gigabit Fiber Optical Media Converter Transceiver with SFP Module 3KM/5KM/20KM/40KM 1000Mbps Fast Ethernet SFP to RJ45 switch 2 port

Apr 21, 2026

SFP Optical Transceiver | SFP Optical Module | Perle

Multimode and single-mode fiber Gigabit Ethernet, Fast Ethernet, Fiber channel, ATM/SONET, SDH Hot-pluggable with durable metal enclosure Can be installed

Oct 30, 2025

Introduction Of 100M Single-mode SFP BIDI SC

100M single-mode SFP BIDI is widely used in SDH STM-1, SONET OC-3 IR1, LR1, LR2 and other scenarios. Compared with the 100M dual-fiber

Jul 25, 2025

SFP-1100-WB SFP+ 10G BiDirectional Optical Module

SFP-1100-WB must be paired with the SFP-1100-WA model to have an operational link. The BiDirectional optical transceivers offer a great advantage of saving

Contact Us

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

Website: <https://www.elagage-lorrain.fr>

Email: sales@elagage-lorrain.fr

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

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