

# **50km Single-Core Optical Module**





## Overview

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Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 50 kilometers. Product description GBIC optical modules are equipped with the industry standard SC optical connector. The transceiver is able to work on 9/125um single-mode fiber for up to 50Kmdistance using 1550nm wavelength.



## 50km Single-Core Optical Module

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### SFP Module - Optcore

SFP module is a small form factor, compact, hot-pluggable optical transceiver, also called mini-GBIC. Our SFP module comply with the SFF-8472 MSA (Multi-Sourcing Agreement), CE, FCC, RoHS, and

### 1000Base-ZX, single-mode, 50Km, 1550nm SFP module

SFP's or miniGBIC modules are extremely versatile, working with any active equipment that support the SFP type of interface: Ethernet switches, routers and any other networking equipment.



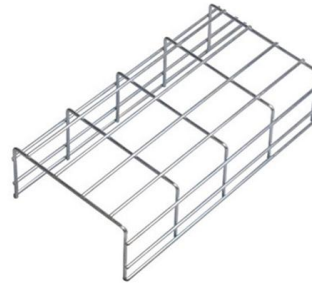
### 1000Base-ZX, single-mode, 50Km, 1550nm GBIC module

The fiber standard for GBS-7050-Z55 is 1000Base-ZX. GBIC modules are extremely versatile, working with any active equipment that support the GBIC type of



### Single-Mode SFP Modules , Industrial Computer and Components

In contrast to multi-mode SFP modules, single-mode SFP modules use fiber optic cables with a smaller core and enable transmissions over long distances.



### SFP Transceiver

Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 50 kilometers. This module provides a reliable long-reach



### Understanding BIDI SFP Optical Transceiver Module:

The telecommunications domain can't possibly function without optical communication technologies contributing to its progress. A BIDI SFP



### 1.25Gbps 1550nm Single Mode 50km 1x9 Optical Transceiver with

1.25Gbps 1550nm Single Mode 50km 1x9 Optical Transceiver with Duplex SC Connector Model No. CS15D-24A-4L-xC-Cx No Shield Backward Clipper





## Single-Mode Fiber Cable Guide: Types, Specs & Selection

What Is Single-Mode Fiber Optic Cable? Single-mode fiber optic cable (SMF) is a type of optical fiber designed to carry a single ray of light mode directly down the fiber core.

### Product Catalog



### 1000Base-ZX, single-mode, 50Km, 1550nm GBIC module

Product description GBIC optical modules are equipped with the industry standard SC optical connector. The capacity of GBS-7050-Z55 module is 1.25Gbps (Gigabit)

### CS15D-24A-4L-xC-Cx 1000Base-XD 1550nm Single Mode 50km 1x9 Optical

Description The CS15D-24A-4L-xC-Cx duplex 1x9 optical transceivers are high performance, cost effective optical transceiver modules for serial optical data communications application specified for a



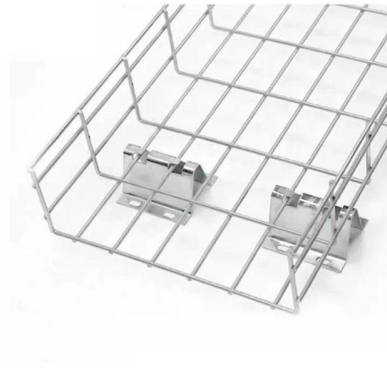
### Industrial GbE Fiber SFP Optical Transceiver Module

Industrial Gigabit Fiber SFP Optical Transceiver Module, 1000Base-LX (LC) Single-Mode Port, 40 km (25 mi.), Wavelength 1550 nm, MSA-compliant for Maximum



### **1.25Gbps 1550nm Single Mode 50km 1x9 Optical Transceiver with**

This is a single-ended LVPECL/PECL or TTL output. As the input optical power is decreased, Signal Detect will switch from high to low (deassert point) somewhere between sensitivity and the no light



### **1000Base-ZX, single-mode, 50Km, 1550nm SFP module**

SFP module supports DD (Digital Diagnostic) functions. All the managed FIB1-1000ES and FIB1-1000TS as well as unmanaged FMC-1000ES and FIB1-1000DS series of standalone Gigabit media

### **1.25Gbps 1310nm Single Mode 50km 1x9 Optical Transceiver with**

1.25Gbps 1310nm Single Mode 50km 1x9 Optical Transceiver with Duplex SC Connector Model No. CS13D-24A-4U-xC-Cx No Shield Backward Clipper



### **1G SFP EX 40km 1310nm**

Supports data rates of 1.25Gb/s Compliant with SFP MSA Hot-pluggable SFP footprint 1310nm FP laser transmitter Duplex LC connector Built-in digital diagnostic functions Up to 20km on 9/125um SMF



### Key Specifications of Single-Mode Fiber Optic Cables:

Explore the essential specifications of single-mode fiber optic cables, including core size, attenuation rates, bandwidth capabilities, and standard

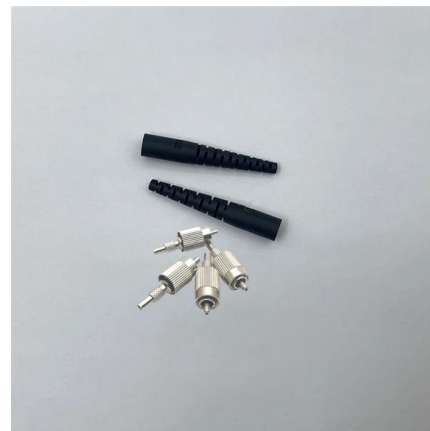


### Lightwavestore > Standard SM Fiber Spool > 50km Pure-Silica-core

50km Pure-Silica-core bare fiber spool, Ultra low loss. With two SC/PC connectors. With hard plastic cover over the fiber roll, and there is

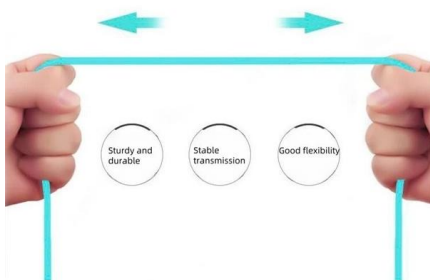
### SFP Optical Transceiver Modules for Long Distance: A

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and



### More durable and robust

The outer layer is made of environmentally friendly PVC, which is soft and elastic. It can be stretched without damage, so you can use it with confidence.



### 1000Base-LHX+ 1310nm Single Mode 50km 1x9 Optical Transceiver

The 1x9 transceiver module provides 50km transmission distance over single mode fiber at nominal wavelength of 1310nm. The optical transceiver is RoHS compliant.



**BWN-B23L 25G SFP28 Bidi 10KM-50KM Module**

BWN-S28-B23L is a high-performance 25G SFP28 BiDi optical transceiver that enables data transmission at 25Gbps through single-mode fiber using 1270nm-TX/1330nm-RX wavelengths for



**GBS-7050-Z55 1000Base-ZX singlemode 50Km,**

Product description GBIC optical modules are equipped with the industry standard SC optical connector. The capacity of GBS-7050-Z55 module is 1.25Gbps

**SFP Module - Optcore**

Our transceiver modules are available for commercial and industrial applications, supporting varying distances from 500m to 160km, depending on multimode or single-mode fiber.



**50G QSFP28 ER BiDi Single Fiber 40KM**

TARLUZ 50G QSFP28 ER bi-directional transceiver is designed for use in 50 Gigabit Ethernet links up-to 40km on a single-core via single-mode fiber. This module





**1000Base-ZX 50Km 1550nm single-mode Gigabit SFP**

Buy the SFP-7050-55: 1000Base-ZX Gigabit SFP transceiver, 1550nm wavelength, 50Km single-mode reach, LC connector, digital diagnostics. Compatible with



**1000BASE-EX SFP 1310nm 40km Transceiver Datasheet , FS**

Description The SFP1G-LH-31 series single-mode transceivers are small form factor pluggable module for bi-directional serial optical data communications such as Gigabit Ethernet 1000BASE-LX and

**GBS-7050-Z55 1000Base-ZX singlemode 50Km,**

The capacity of GBS-7050-Z55 module is 1.25Gbps (Gigabit rate). The transceiver



**1km Single Fiber SFP 11D K001B55**

The module is designed to strictly comply with well known SFP specifications developed by the SFF committee. This module is RoHS compliant and lead-free. OptoSpan 1Gb Single Fiber optical



## 1G DWDM SFP EZX 120KM Transceiver Module

Buy 1G DWDM SFP EZX 120km Optical Transceiver from Manufacturer at Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.

Length: 33.5mm  
Small-end inner diameter: 4.0mm  
Large-end inner diameter: 6.0mm



## Contact Us

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For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:  
<https://www.syropy.com.pl>