

# Ttl1x9 optical module



## Overview

Good quality 2Mbps Ultra-Low Data Rate 1x9 TTL Long Reach Transceiver (SMF, 1550nm, 100km, Duplex SC/FC/ST, 3). At present, the maximum transmission distance supports only ~20km in low-speed data (0~2MHz) optical transmission for 485/232 data or CPU serial. The UF-1x9-2M-20-Cxx-3V family CWDM optical transceivers from UTP provide the system designer and manufacturers with products to implement a range of industrial control, special low data rate Ethernet designs at the 0Mb/s-2Mb/s rate. This series fiber optic transceivers are all supplied in the. Yet, amidst the rise of compact Small Form-Factor Pluggables (SFP, SFP+, QSFP+) and cutting-edge Coherent modules, the humble 1x9 optical transceiver remains a critical, reliable workhorse in numerous applications. Eoptolink 1x9 optical transceiver is designed for use in 0~2. It is usually directly cured on the circuit board of the communication equipment and used as a fixed optical module. The modules operate at special extended voltage and temperature (-10 to 85 C) ranges.



## Article Content

Jul 14, 2025

### OptoIC Products Brochure

This multimode fiber optics transceiver is designed with high performance 1310 nm FP laser. Dual SC connectors are used as the standard interface. The transceiver uses industry standard 1x9 pluggable

Sep 02, 2025

### OptoIC Products Brochure

Introduction This design guide provides the information needed to incorporate OptixCom's fiber optics transceiver products in the customer's system. This guide will focus on the 1x9 dual SC optical

Jan 05, 2026

### 0~2Mbps TTL 1x9 1550nm 100km Duplex SC/ST/FC

This fiber optic transceivers series are all supplied in the industry-standard 1×9 SIP package. The transceivers provide high-performance, cost-effective optical

Apr 06, 2026

### 84Mb 1x9 TTL Optical Transceiver

84Mb 1x9 TTL Optical Transceiver Unlike SFP transceiver, 1×9 transceiver provides SC, ST, FC and pigtail connector and operating voltage at +3.3V or +5.0V for choose. Since it cannot support

Feb 11, 2026

### The Ultimate 1x9 Optical Transceiver Selection Guide

Select the best 1x9 optical transceiver by matching fiber type, distance, speed, and connector for reliable network performance.

Sep 23, 2025

### 1x9 BiDi Optical Module

1x9 BiDi optical modules adopt innovative Wavelength Division Multiplex technology to transmit and receive signals simultaneously through only one single fiber.

May 13, 2026

### Giantech 1X9 Optical Module 20KM Low Level 500K~2M Singlemode

**Industrial-Grade Reliability:** The Giantech 1X9 Optical Module is designed to operate in harsh environments, with a temperature range of -40°C to 85°C, ensuring stable performance in

Feb 20, 2026

### A Complete Guide to 1x9 Optical Transceiver Module

1x9 optical module applications include industrial automation, telecom backhaul, and legacy network upgrades for reliable, cost-effective data links.

Aug 16, 2025

### 10Mb/s Multimode 1310nm 2km SC/FC/ST 1x9 TTL

10Mb Multimode 1310nm 2km Duplex SC/FC/ST 1x9 TTL Optical Transceiver Manufacturer, Affordable Factory Price, 5-Year Warranty & Money-back Guarantee.

Dec 22, 2025

### Ultra-Low Data Rate TTL 1x9 CWDM Fiber Optical

This series fiber optic transceivers are all supplied in the industry standard 1x9 SIP package. The transceivers are high-performance, cost-effective modules with TTL

Apr 11, 2026

### 10Mb/s Single Mode 1310nm 10km SC/FC/ST 1x9 TTL

10Mb/s 1x9 TTL Transceiver Module (SMF, 1310nm, 10km, Duplex SC/FC/ST, 3.3V/5V)  
The OPT10-3110xxCR family of 1x9 optical transceivers from Optcore

Aug 30, 2025

### The Definitive 1x9 Transceiver Buying Guide

You need to check the fiber type before ordering any transceivers. Connector Type: Light passes through the core of optical fiber connections. Transceiver modules are grouped by fiber

Jun 05, 2026

### 52Mbps SMF 1310nm 40km 1x9 TTL Optical

This fiber optic transceivers series are supplied in the industry-standard 1x9 SIP package style with a duplex SC, ST, and FC connector interface. They are high

Apr 11, 2026

### 2Mbps TTL 1310nm or 1550nm 40km BiDi 1x9 Transceiver

2Mbps TTL 1x9 BiDi Long Reach Transceiver Module (Bi-directional, 1310nm or 1550nm, 40km, SC/FC/ST, 0~70°C) At present, the maximum transmission

Sep 29, 2025

1X9 Transceiver Fiber Optic Transceiver Module Manufacturer& Supplier

1x9 Fiber Optical Transceiver Introduction 1x9 optical transceiver modules are state-of-the-art components designed expressly for the building of high-speed bi-directional communication links that

May 31, 2026

1x9 Fiber Optic Transceivers | CWDM & Legacy Modules

Explore our range of 1×9 transceivers designed for single-mode and multi-mode fiber applications. Supporting data rates from 155Mbps to 1.25Gbps and available in CWDM configurations, these

Dec 10, 2025

1x9 Transceiver – Optcore

1x9 Transceiver 1x9 transceivers are the earliest and oldest-style optical modules. Initially created in the 1990s, they aimed at 100M/1G Ethernet, Fibre Channel,

Sep 16, 2025

0.5Mb/500kb MMF 1310nm 2km SC/FC/ST 1x9 TTL

0.5Mb/500kbps Multimode 1×9 TTL Transceiver Module (MMF, 1310nm, 2km, SC/FC/ST, 3.3V/5V, 0°C~70°C) The OPT05-312xxCR family of 1×9 optical

Feb 06, 2026

Optical Transceivers

Module is designed for DC LVPECL coupling. See the design guide for proper termination. Single ended will be 50 ohm for each signal line. Output of coupling optical power into 50/125 or 62.5/125 mm

Aug 24, 2025

0~2Mbps TTL 1x9 1310nm 40km SC/ST/FC Transceiver

2Mbps TTL 1×9 Long Reach Transceiver Module (SMF, 1310nm, 40km, Duplex SC/FC/ST, 0~70°C) At present, the maximum transmission

May 31, 2026

Optical Transceivers

OptixCom''s BIDI transceivers utilize advanced filter optics to separate the two wavelength with more than 45 dB of isolation. The products use industry standard 1x9 pluggable package.

Aug 20, 2025

#### Ultra-Low Data Rate TTL 1x9 CWDM Fiber Optical

The transceivers are high-performance, cost-effective modules with TTL data interface that supporting data-rate of 0~2Mbps and 20km transmission distance

Sep 24, 2025

#### OptoIC Products Brochure

Module is designed for DC LVPECL coupling. See the design guide for proper termination. Single ended will be 50 ohm for each signal line. Output of coupling optical power into 50/125 or 62.5/125 mm

Mar 14, 2026

#### 1x9 Fiber Optic Transceiver, 1x9 Optical Transceiver

The 1x9 package optical transceiver module is composed of optoelectronic devices, functional circuits and optical interfaces, including two parts: transmitting and

Aug 25, 2025

#### Industrial Ultra-Low Data Rate Ttl 1X9 CWDM 1310nm Fiber Optical ...

This series fiber optic transceivers are all supplied in the industry standard 1x9 SIP package. The transceivers are high-performance, cost-effective modules with TTL data interface that supporting

Nov 27, 2025

#### 1X9 Transceiver Fiber Optic Transceiver Module Manufacturer& Supplier

The 1x9 optical transceiver is designed for use in 0~1.25Gbps data links and up to 20km distance and provides the SC/FC/ST optical port that is compatible with the industry standard connector.

Nov 25, 2025

#### What is 1x9 Transceiver? The Definitive Guide (2023)

It is the earliest optical module form factor and has played an important role in telecommunications and data communications. However, as the optical

Feb 27, 2026

#### 52Mbps MMF 850nm 2km SC/FC/ST 1x9 TTL Optical

52Mb Multimode 850nm 2km Duplex SC/FC/ST 1x9 TTL Optical Transceiver Manufacturer,Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

## Contact Us

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