

Industrial Fiber Optic Transceiver Module



Overview

Compatibility in your network is everything, and this industrial SFP Transceiver Module delivers. Use it with any Intellinet SFP equipped network switch or any other Multi Source Agreement (MSA) compliant SFP-enabled switch. It is designed, programmed and tested to work with compatible switches and routers from Cisco, Intellinet Network Solutions. The transceiver's mini-GBIC form factor helps it take up less space on the equipment it plugs into. It's ideal in environments that require many fiber connections. There's no need to power down your LAN switch in order to install or remove the transceiver. This makes it very convenient and easy to make adjustments to your network that allow your business to keep pace with the changing demands of the market. This transceiver supports standard digital diagnostics monitoring (DDM) functions, also known as digital optical monitoring (DOM). That gives the user the ability to monitor parameters of the SFP, such as optical output power, optical input power, temperature, laser bias current, and transceiver supply voltage, in real time. With its rugged, protective metal housing, the transceiver operates reliably, even in extreme temperatures from -40 - 75°C (-40 - 167°F).

Article Content

VersaLogic VL-SPX Expansion Modules for Industrial Use

VersaLogic's VL-SPX expansion modules offer rugged, reliable OEM solutions, enhancing embedded systems with long-term availability and cost-efficiency.

SFP Module 10G Copper RJ45 Fiber Transceiver GPON OLT ONU

SFP Module 10G Copper RJ45 Fiber Transceiver GPON OLT ONU BIDI Single Mode Multi Mode Industrial 1.25G 2.5G 20KM 40KM 100KM

Industrial GbE Fiber SFP Optical Transceiver Module Single-Mode 10 km

Small Size For High-Density Fiber Connections Multi-Vendor Compatible Hot-Pluggable Digital Diagnostics Monitoring Equipped Even For Challenging Environment Conditions Compatibility in your network is everything, and this industrial SFP Transceiver Module delivers. Use it with any Intellinet SFP equipped network switch or any other Multi Source Agreement (MSA) compliant SFP-enabled switch. It is designed, programmed and tested to work with compatible switches and routers from Cisco, Intellinet Network Solutions, ... See more on [intellinetsolutions](#) Category: Repeaters & Transceivers Farnell Deutschland

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Optical Transceiver Guide 2026 EP4 SFP Module Selection Tips

☐☐ Optical Transceiver Guide 2026 — EP.4/7 is now available Choosing the right SFP module is not only about transmission distance anymore. In real deployment scenarios, System Integrators also ...

Fiber Optic Transceiver Modules | Optoelectronics

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direXource Arista Networks SFP-25G-BD-40-D-I Compatible Industrial ...

Arista Networks SFP-25G-BD-40-D-I compatible optical transceiver is an industrial single fiber bidirection 25.8Gbps Small Form-factor Pluggable SFP28 BIDI module for use in 25GBASE

Industrial Fiber Optic Transceivers: An In-Depth Guide

What is an Industrial Fiber Optic Transceiver? An industrial fiber optic transceiver is a device that converts electrical signals into optical signals for

KD Tech — High-Speed Optical Connectivity

KD Tech designs semiconductor ICs for multi-gigabit optical networking over fiber optics. Solutions for automotive, industrial, and consumer connectivity.

Intellinet Industrial Gigabit Fiber SFP Optical Transceiver Module ...

MSA-compliant for compatibility with leading switch manufacturers such as Cisco, Intellinet Network Solutions, ZyXEL, TP-Link, Ubiquiti and more (see specs) Data transfer rate: 1000 Mbps One

Fiber optic transceiver, Fiber optic transceiver module

Find your fiber optic transceiver easily amongst the 156 products from the leading brands (Smiths Interconnect, Volktek, Lantech, ...) on DirectIndustry, the industry

Optical Communication Industry Trends 2026: AI, 800G/1.6T Optical ...

Explore optical communication industry trends in 2026, driven by AI infrastructure, 800G and 1.6T optical modules, silicon photonics, and next-generation data center connectivity solutions.

Optical Transceivers / SFP Modules - High-Performance Compatible

Engineered to meet IEEE 802.3 and MSA standards, our module provide excellent signal integrity, low power consumption, and advanced digital diagnostic monitoring (DDM/DOM). LINK-PP SFP module

Transceiver Modules Fiber Optic Transmitters, Receivers, Transceivers

Mouser offers inventory, pricing, & datasheets for Transceiver Modules Fiber Optic Transmitters, Receivers, Transceivers.

Gigac Technology

Gigac is a leading manufacturer of fiber optic communication components and GPON equipment. We specialize in producing a wide range of optical transceivers,

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Fiber Optic Transceiver Modules Comparison for

Explore the performance metrics and deployment scenarios of fiber optic transceiver modules in industrial settings. Learn about SFP, QSFP, and

SFP vs. QSFP: Differences, Use Cases, and How to Choose

Compare SFP vs. QSFP transceivers: key differences, speeds, distances, costs, and expert guidance to choose the right module for your network architecture.

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to

SFP Optical Transceiver | SFP Optical Module | Perle

Perle SFP Optical Transceivers are hot-swappable, compact media connectors that provide instant fiber connectivity for your networking gear. They are a cost

FIBER OPTICS FOR INDUSTRIAL APPLICATIONS

Endurance laser transceivers to provide the optical interface. The transceiver's rugged form-factor is qualified for shock, vibration, and hazardous environments. These switch module

Global Leader in Materials, Networking, and Lasers

Communications Transform global communications networks with our comprehensive portfolio of coherent transceivers and modules, lasers, amplifiers,

Optical Transceiver vs. Fiber Optic Module: What's the Difference ...

Introduction Engineers, purchasing managers and installers often see the terms I-Transceiver, optical module and fiber optic module used interchangeably — and that causes confusion. This article

High-Performance Connectivity: The Definitive Guide to CQP-85100G

1. Summary The CQP-85100G-SR4 100G QSFP28 SR4 optical transceiver represents the pinnacle of short-range data transmission technology for modern enterprise networks and hyperscale

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

SFP Module 10G SFP Optical Transceiver GPON PON Fiber Copper

SFP Module 10G SFP Optical Transceiver GPON PON Fiber Copper RJ45 Bidi Single Mode Multi Mode Industrial 20KM 40KM 100KM

Best SFP Modules 2026: Top Picks for 1G, 10G & 25G Networks

Best SFP modules 2026 reviewed. Compare top SFP SFP+ SFP28 transceivers for speed, reach, and compatibility with major brands.

PLANET MFB-TFA20 network transceiver module Fiber optic 100

To meet the increasing demand of Industrial Ethernet fiber solution, Planet has released the MFB-T 100Base-FX transceiver series that can operate reliably in electrically harsh, climatically demanding,

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and

Contact Us

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