

## Single-mode fiber optic transceiver with a range of 30 kilometers



### Overview

The GSFIBER-SFP-30K is a Gigabit Ethernet single-mode 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 30 kilometers. Same transceiver can be used for either Ethernet, SONET or SDH networks. The FX single-mode standard is popular for short and medium range fiber. The FTLX2672D327/FTLX2672D333 10Gb/s Enhanced Small Form Factor Pluggable (SFP+) transceivers are engineered for application in 10-Gigabit Ethernet links, capable of reaching up to 30km over a single-strand Single Mode fiber. Long-distance variants, typically referred to as LX, EX, ZX, or ER/LR SFPs, are engineered with higher optical power budgets and longer wavelength. Smart Filtering As you select one or more parametric filters below, Smart Filtering will instantly disable any unselected values that would cause no results to be found. Please modify your search so that it will return results.

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



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Buy the SFP-5030-31: a 155M single-mode SFP transceiver with 1310nm wavelength, 30Km reach, LC connector, and digital diagnostics. Compatible with Cisco, Juniper, and more. Ideal for Fast Ethernet, ...



Improve safety, signal integrity, and reliability by using two optical fibers instead of wire to transfer bidirectional serial data using single-mode optical fiber.



Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 30 kilometers. This module provides a reliable long-reach ...



The 1000BASE-EX SFP operates on standard single-mode fiber-optic link spans of up to 40 km in length. A 5-dB inline optical attenuator should be inserted between the fiber-optic cable and ...



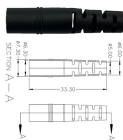
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Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber optic networks. These transceivers are engineered for long-distance applications, supporting ...




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

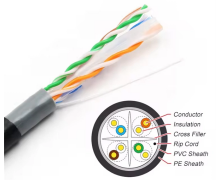


The Cisco SFP-25G-ER-S-I compatible SFP28 transceiver provides 25GBase-ER ...



Omnitron Fast Ethernet Single-Fiber SFP Module BiDi Single-mode 30km - 1 x 100BASE-BX-D (1310/1550) Fiber Optical Transceiver

<p><b>More durable and robust</b> 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.</p> 	<p>The FTLX2672D327/FTLX2672D333 10Gb/s Enhanced Small Form Factor ...</p>
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	<p>The Cisco SFP-25G-ER-S-I compatible SFP28 transceiver provides 25GBase-ER throughput up to 30km over single mode fiber (SMF) using a wavelength of 1310nm via an LC duplex connector.</p>
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## Contact Us

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