

FE200N Single-Mode Fiber Optic Transceiver



Article Overview

The FE200N is a single-mode fiber optic transceiver designed for high-speed data transmission over long distances, typically supporting 1.25Gbps with LC duplex connectors and 1310nm wavelength.

Key Specifications

- Fiber Type: Single-mode (SMF, 9/125 μm)
- Data Rate: Up to 1.25Gbps, suitable for Gigabit Ethernet applications
- Wavelength: 1310nm FP laser transmitter
- Maximum Distance: Typically up to 20 km, depending on fiber quality and network conditions
- Connector Type: LC duplex
- Form Factor: SFP (Small Form-Factor Pluggable), hot-pluggable
- Compliance: IEEE 802.3 standards, SFP MSA, SFF-8472, Class 1 FDA and IEC60825-1 laser safety
- Operating Temperature: 0°C to 70°C (32°F to 158°F)
- Storage Temperature: -40°C to 85°C (-40°F to 185°F)
- Relative Humidity: 85% $\pm$ 5% These specifications are consistent with standard single-mode SFP transceivers like the Altronix P1SM10, which is designed for similar distances and data rates .

Applications...

Article Content

Jul 28, 2025

Singlemode transceiver modules buy online

Singlemode transceivers: These are the areas of application The increasing expansion of fiber optic networks is also driving up

Aug 01, 2025

What is Optical Transceiver: A Beginner Guide (2024)

What is an Optical Transceiver? An optical transceiver, also known as a fiber optic

Dec 05, 2025

100/155Mbps SFP 1550nm 200km Single-Mode Optical Transceiver

SFP-1M55-200-xx The SFP transceivers are high performance, cost effective modules supporting dual data-rate of 155Mbps and

Nov 11, 2025

Unlocking the Secrets of Fiber Transceiver Types: Choose the Best for ...

Discover the different fiber optic transceiver types at FluxLight to find the perfect fit for your network. Choose the best

May 09, 2026

DATASHEET

OVERVIEW Cisco SFPs can meet Cisco users' different needs, GLC-SX-MMD, the 1000BASE-SX SFP, can support up to 1km over

Feb 10, 2026

Fiber Optic Transceiver Modules | Optoelectronics

Shop DigiKey's large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and

Jan 28, 2026

SEL-2829 Single-Mode Fiber-Optic Transceiver/Modem

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

Oct 24, 2025

Singlemode Fiber Optics - Mouser

Mouser offers inventory, pricing, & datasheets for Singlemode Fiber Optics.

Mar 13, 2026

Optics and Transceivers | Fiber Optical Transceivers

Explore the complete line of InfiniBand interconnects, offering 1.6T, 800G, 400G, 200G and 100G infrastructures for AI and

Feb 13, 2026

FE200N+SINGLE-MODE+FIBER+OPTIC+TRANSCEIVER Price

FE200N+SINGLE-MODE+FIBER+OPTIC+TRANSCEIVER Price, FE200N+SINGLE-MODE+FIBER+OPTIC+TRANSCEIVER Stock,

Jun 22, 2026

Arista 200G Transceivers and Cables

What 200G Transceivers and Cables are available from Arista? Arista's 200G connectivity solutions include optics for

Jan 19, 2026

Differences Between Single-mode & Multimode Fiber Optic Transceivers

The transmission distance of multimode fiber optic transceiver is less than that of the single-mode transceiver due to

Nov 09, 2025

200G Optical Transceiver Overview: QSFP56 vs. QSFP-DD

200G QSFP-DD LR4 converts the 8-channel of 25Gb/s or 4-channel of 50Gb/s electrical input data into LWDM optical

Aug 06, 2025

Singlemode SFP Transceivers

All Westermo's SFP transceivers are thoroughly tested in accordance with high demands. Each model has gone through rigorous

Nov 08, 2025

FE200N SINGLE-MODE FIBER OPTIC TRANSCEIVER Search Results

View results and find fe200n single-mode fiber optic transceiver datasheets and circuit and application notes in pdf format.

Apr 10, 2026

Altronix Products

The P1SM10 is to be used with Single-Mode Fiber for distances up to 20Km. It is recommended to pair (two per fiber link) remote and

Oct 20, 2025

Singlemode SFP Transceivers Fiber Optic Transmitters, Receivers ...

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

Jul 16, 2026

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to

Sep 19, 2025

Singlemode: Transceiver Lösungen & Einsatzbereiche

Entdecken Sie unsere vielfältige Auswahl an Singlemode Transceivermodulen, die speziell für langlebige, zuverlässige und

Aug 11, 2025

Everything You Need to Know About Fiber Transceivers

For example, choosing single-mode fiber optic cables and transceivers can support higher data rates over longer

Mar 09, 2026

SFP/SFP+, QSFP Network Transceivers & Media Converters | Newegg

Match optics to distance and cable: SR for short multimode runs, LR/ER for long single-mode links. BiDi SFP single-mode cuts fiber

Oct 08, 2025

Singlemode Fiber Optics - Mouser

Singlemode Fiber Optics are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Singlemode Fiber

Apr 04, 2026

Single-Mode Optical Fiber

ITU Standards for Single-mode Fibers: To facilitate fiber optic communications, the International Telecommunications

Sep 22, 2025

Buy Transceivers – SFP, SFP+, and QSFP Modules

Transceiver Modules SFP Transceiver Modules Here you can find SFP, GBIC and all other types of modules for multi-mode as well

Nov 25, 2025

Arista Optics Modules and Cables

SFP+ Optical interoperability with 10GbE XFP, X2 and XENPAK pluggable form factors
QSFP+ Universal transceiver for 40G

Oct 18, 2025

1G SFP EZX, 1550nm, 200km, DDM, LC/UPC Duplex, Single Mode, Optical ...

The Miljet MJ-SFPGE-EZX-190, SFP 1000BASE-EZX transceiver uses a longer wavelength 1550nm laser on Single Mode fiber

Dec 20, 2025

Singlemode Transceivers Fiber Optic Transmitters, Receivers ...

Singlemode Transceivers Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers

Nov 26, 2025

Transceiver kaufen – SFP, SFP+ & QSFP Module

Sie können unsere freundlichen Mitarbeiter jederzeit darauf ansprechen! SFP Module und Transceiver jetzt bequem und günstig

Contact Us

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

