

Fiber Optic Transceiver SFP Gigabit Ethernet, 10 km reach, 1310 nm



FXC-SFP1G-31-10

Features

- Operating Data Rate up to 1.25Gbps
- Distance Range 10km
- Pluggable SFP Duplex LC Connector
- Standard Operating Temperature
- MSA Compliant

Applications

- Gigabit Ethernet Switches and Routers
- Fibre Channel Switch Infrastructure
- Optical Links

Description

The L-com FXC-SFP1G-31-10 is an SFP form-factor transceiver, supporting Gigabit Ethernet data rates. The L-com FXC-SFP1G-31-10 features a 1310 nm transmitter and supports 10 km links over single mode fiber. The FXC-SFP1G-31-10 is an MSA-compliant transceiver, compatible with most switch and router platforms. The L-com FXC-SFP1G-31-10 features digital diagnostics for performance monitoring of the transceiver. The L-com FXC-SFP1G-31-10 SFP transceiver is one of thousands of fiber optic connectivity products available from L-com in-stock and ready to ship. Contact our knowledgeable technical support and sales staff for your answers on fiber optic connectivity or other L-com products.

Configuration

Connector 1	LC
Connector Mode	Duplex
Compatibility	MSA

Filter Specifications

Description	Minimum	Typical	Maximum	Units
TX Center Wavelength	1,260	1,310	1,360	nm
TX Data Rate		1.25		Gbps
TX Spectral Width			4	nm
TX Average Output Power	-9		-3	dBm
TX Extinction Ratio	9			dB
RX Center Wavelength	1,260		1,600	nm
RX Receiver Sensitivity	-21			dBm
RX Receiver Overload			-3	dBm

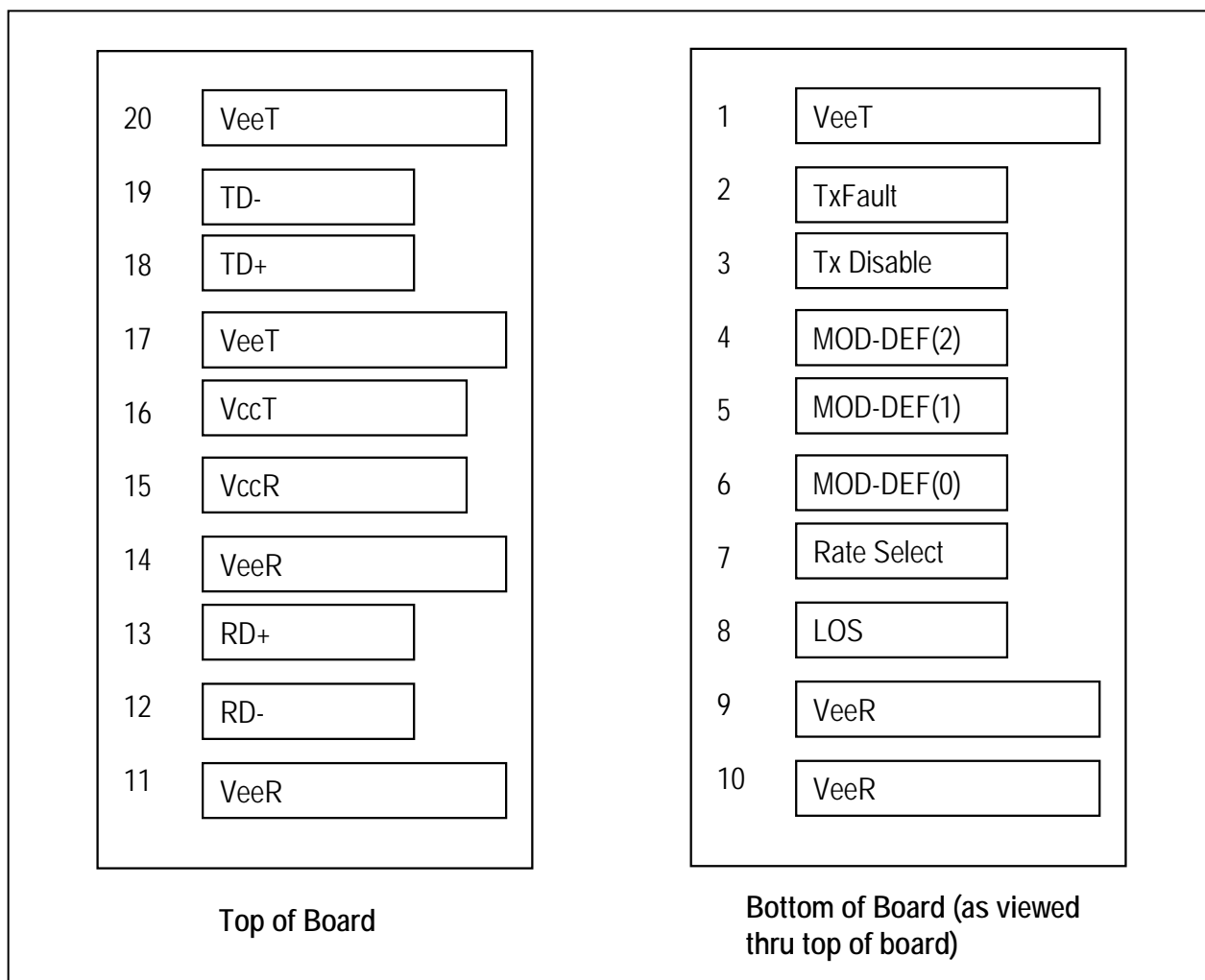
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Fiber Optic Transceiver SFP Gigabit Ethernet, 10 km reach, 1310 nm FXC-SFP1G-31-10](#)

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Small Form-factor Pluggable (SFP) Transceiver MultiSource Agreement (MSA)



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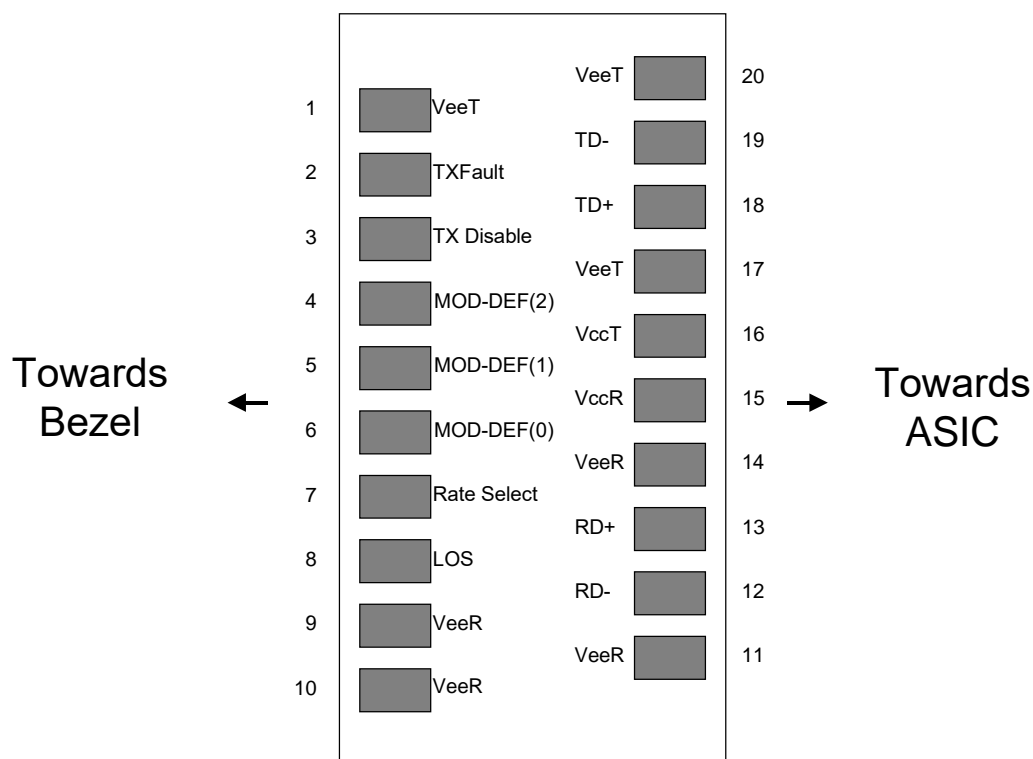


Figure 1. Diagram of Host Board Connector Block Pin Numbers and Names

Environmental Specifications

Temperature

Operating Range

0 to +70 deg C

Storage Range

-40 to +85 deg C

Notes:

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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Fiber Optic Transceiver SFP Gigabit Ethernet, 10 km reach, 1310 nm from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

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