

Fiber Optic Transceiver, SFP, 1310nm, LX SMF 10km, 1000Base DDM, Fujitsu 9500



FXC-SFP-LX-1G-F95

Features

- Operating Data Rate up to 1.25 Gbps
- Distance Range 10KM
- Single 3.3V Power Supply and TTL Logic Interface
- Pluggable SFP Duplex LC Connector
- Standard and Industrial Operating Temperature
- Compliant with Fujitsu 9500 SFP Specification

Applications

- Telecom (Service Provider)
- Datacom
- Enterprise Networks
- Government
- Fiber to the home/business

Description

The L-com FXC-SFP-LX-1G-F95 is an SFP form-factor transceiver, supporting 1G Ethernet rates. The L-com FXC-SFP-LX-1G-F95 supports 10KM distance and it is Fujitsu 9500 compliant transceiver. The L-com FXC-SFP-LX-1G-F95 features digital diagnostics for performance monitoring of the transceiver. The L-com FXC-SFP-LX-1G-F95 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

| | |
|----------------------------|--------------|
| Data Rate | 1 Gbps |
| Form Factor | SFP |
| Connector | LC |
| Connector Mode | Duplex |
| Mode | Single Mode |
| Distance | 10 km |
| Mfg Platform Compatibility | Fujitsu 9500 |

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------------------|---------|---------|---------|-------|
| Wattage | | | 1.04 | W |
| Power Supply Voltage Vcc | 3.15 | 3.3 | 3.45 | V |
| Power Supply Current Icc | | | 300 | mA |

Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------------------|---------|---------|---------|-------|
| TX Center Wavelength | 1260 | 1310 | 1360 | nm |
| TX Data Rate | | 1.25 | | Gbps |
| TX Spectral Width | | | 4 | nm |
| TX Average Output Power | -9 | | -3 | dBm |
| TX Extinction Ratio | 9 | | | dB |

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, 1310nm, LX SMF 10km, 1000Base DDM, Fujitsu 9500 FXC-SFP-LX-1G-F95](#)

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FXC-SFP-LX-1G-F95

| | | | |
|-------------------------|------|------|-----|
| RX Center Wavelength | 1260 | 1600 | nm |
| RX Receiver Sensitivity | -21 | | dBm |
| RX Receiver Overload | | -3 | dBm |

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

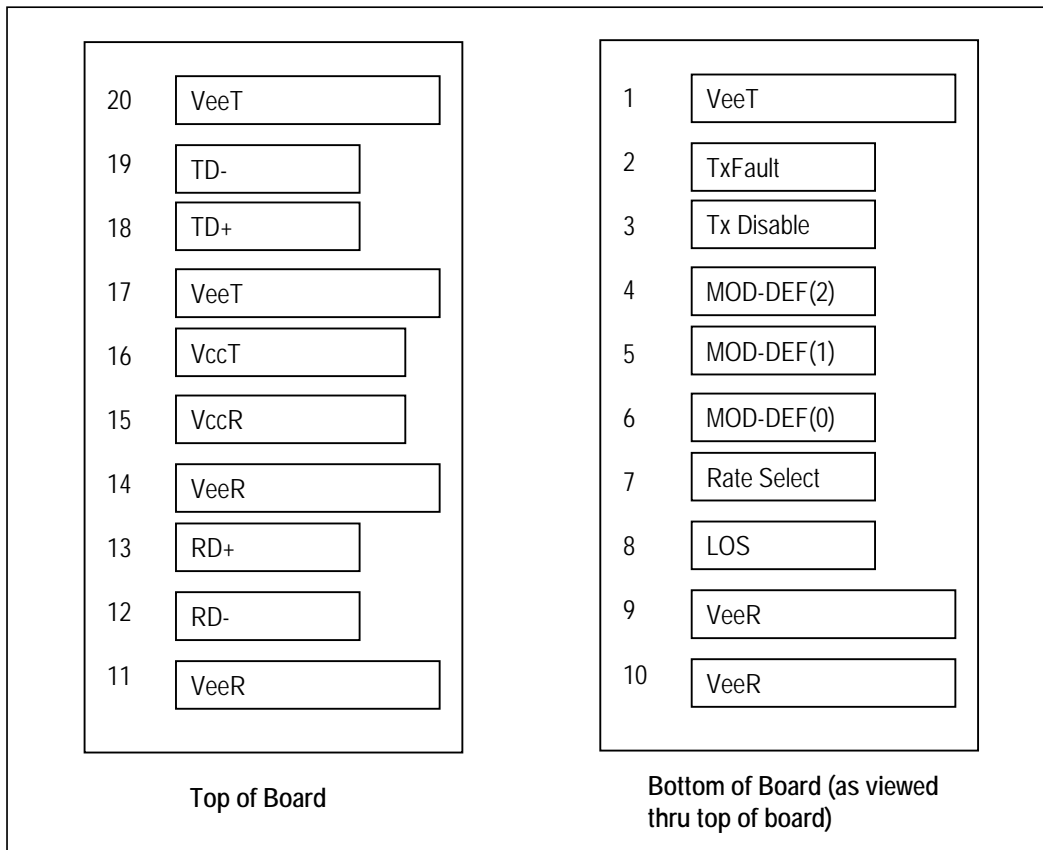
Notes:

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



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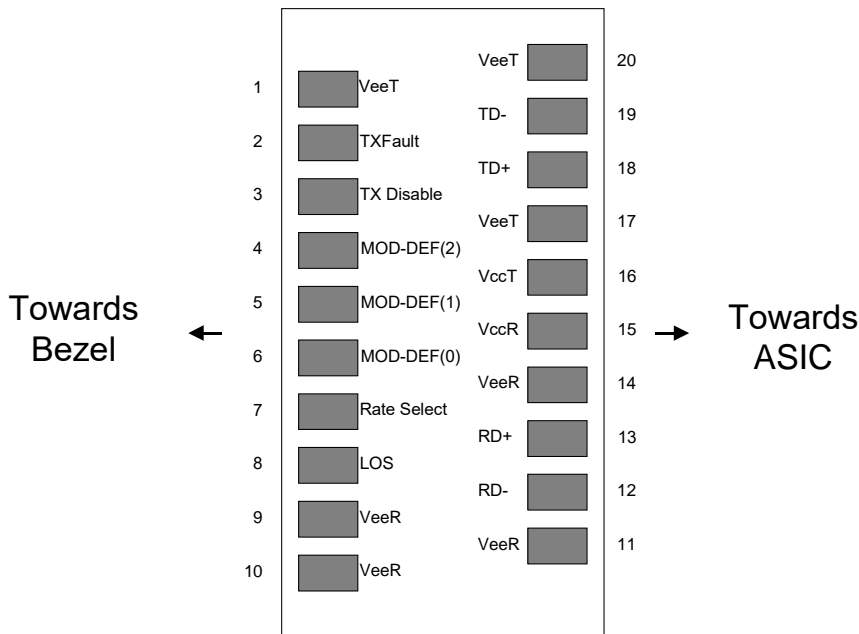


Figure 1. Diagram of Host Board Connector Block Pin Numbers and Names

Fiber Optic Transceiver, SFP, 1310nm, LX SMF 10km, 1000Base DDM, Fujitsu 9500 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.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

L-com CAD Drawing

