

Fiber Optic Transceiver, SFP, 1550nm, ZX SMF 80km, 1000Base DDM, Cisco



## FXC-SFP-ZX-1G-CSC

### Features

- Operating Data Rate up to 1.25 Gbps
- Distance Range 80KM
- Single 3.3V Power Supply and TTL Logic Interface
- Pluggable SFP Duplex LC Connector
- Standard and Industrial Operating Temperature
- Compliant with Cisco SFP Specification

### Applications

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

### Description

The L-com FXC-SFP-ZX-1G-CSC is an SFP form-factor transceiver, supporting 1G Ethernet rates. The L-com FXC-SFP-ZX-1G-CSC supports 80KM distance and it is Cisco compliant transceiver. The L-com FXC-SFP-ZX-1G-CSC features digital diagnostics for performance monitoring of the transceiver. The L-com FXC-SFP-ZX-1G-CSC 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                   | 80 km       |
| Mfg Platform Compatibility | Cisco       |

### 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    | 1500    | 1550    | 1580    | nm    |
| TX Data Rate            |         | 1.25    |         | Gbps  |
| TX Spectral Width       |         |         | 1       | nm    |
| TX Average Output Power | 0       |         | 5       | 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, 1550nm, ZX SMF 80km, 1000Base DDM, Cisco FXC-SFP-ZX-1G-CSC](#)

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## FXC-SFP-ZX-1G-CSC

|                         |      |      |     |
|-------------------------|------|------|-----|
| RX Center Wavelength    | 1260 | 1600 | nm  |
| RX Receiver Sensitivity | -24  |      | 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

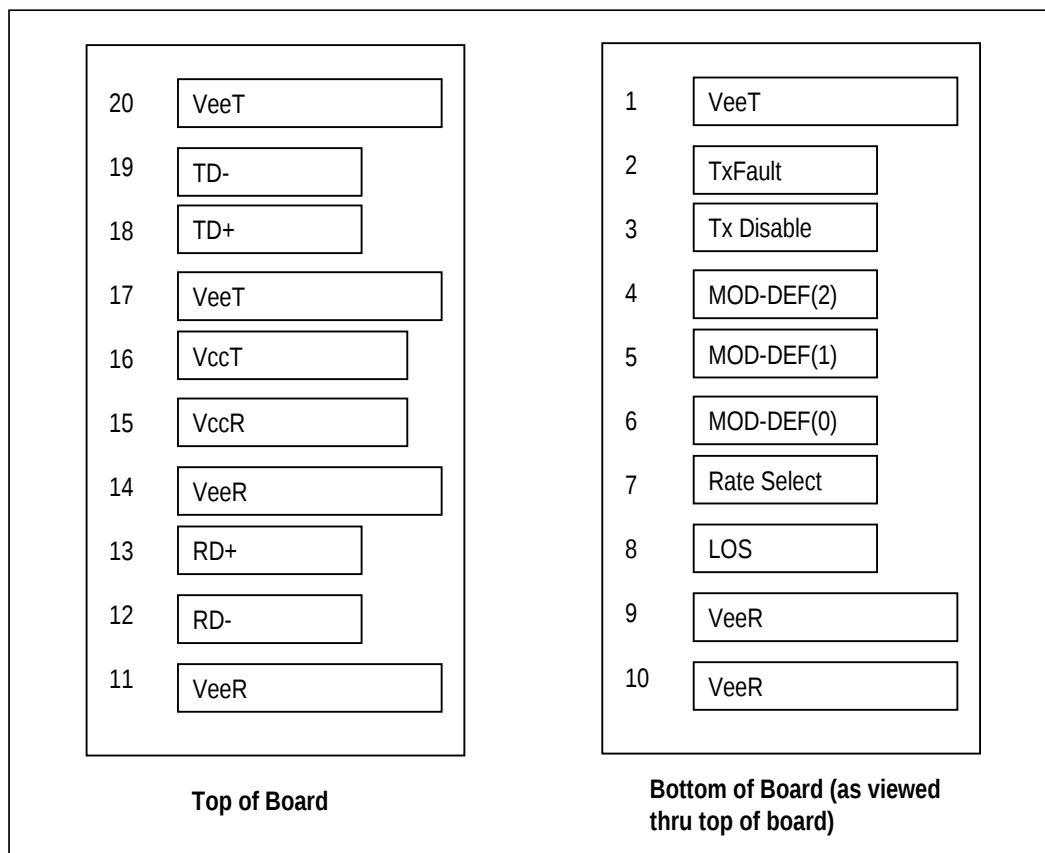
Notes:

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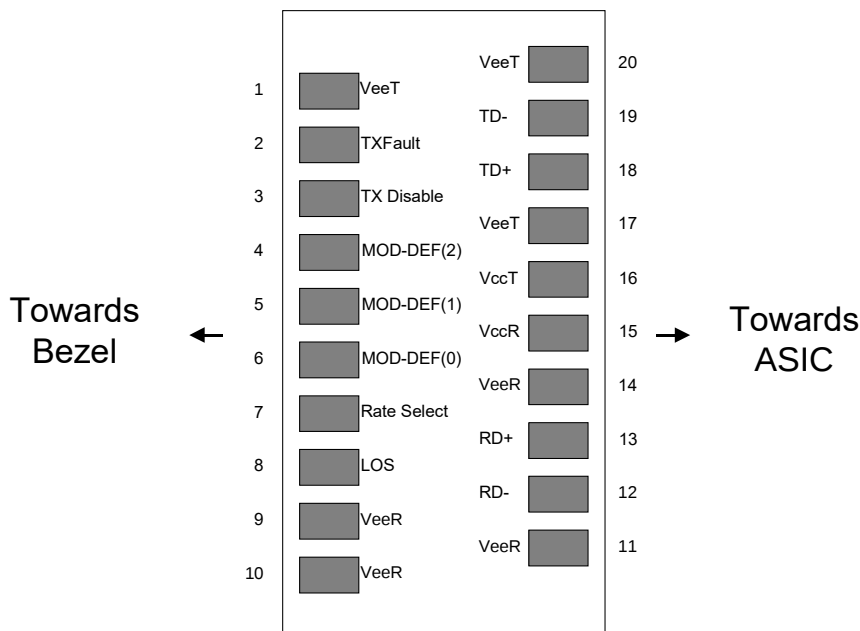
**Small Form-factor Pluggable (SFP) Transceiver MultiSource Agreement (MSA)**



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

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