

## Ikshu SFP LX / SX

### Description

The 1000BASE-LX SFP, compatible with the IEEE 802.3z 1000BASE-LX standard, operates on standard single-mode fiber-optic link spans of up to 10 km and up to 550mtrs on any Multimode fibers. When used over legacy multimode fiber type, the transmitter should be coupled through a mode conditioning patch cable.

The 1.25G SFP optical module is Small Form Factor Pluggable (SFP) transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). They simultaneously comply with Gigabit Standard as specified in IEEE 802.3z. The 1000BASE-SX (short wavelength) GBIC module operates on standard multimode fiber-optic link spans of up to 1804 feet (550 m).

The 100BASE-SX SFP module is a hot-swappable device that plugs into a Gigabit Ethernet SFP port. It provides full-duplex 100-Mbps connectivity over multimode fiber (MMF) infrastructures. The 100BASE-SX SFP operates on ordinary MMF optical link spans of up to 1.2428 miles (2 km) in length.

### Features

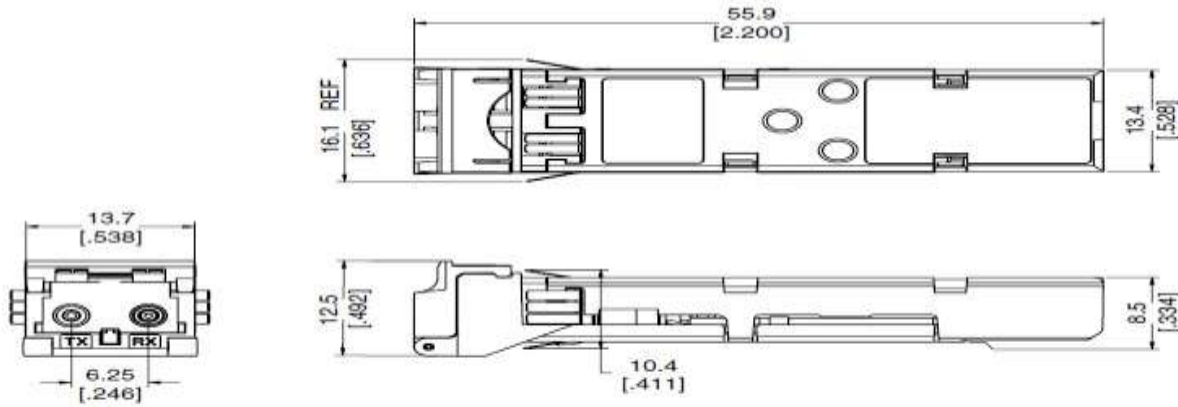


- ❖ Complaint with IEEE 802.3z
- ❖ Complaint with Multi Source Agreement (MSA) specifications
- ❖ Industry Standard: Small Form Pluggable (SFP) Hot Pluggable
- ❖ **Bit Rate: 1.25 Gbps (For Gigabit Module)**
- ❖ **Bit Rate: 155 Mbps (For 100FX Module)**
- ❖ Wavelength: 1310nm, 1550nm
- ❖ Power Supply: +3.3V
- ❖ Connector: Duplex LC Connector Interface
- ❖ Low EMI & Low power consumption
- ❖ Versatile kinds of SFP with different working wavelength & distance
- ❖ Class Laser 1 product compliant with EN 60825-1

## Specifications

<b>Power Supply</b>	3.3V	
<b>Working Ambience</b>	Temp: 0 ~ 70 Centigrade	RH: 20 ~ 90% Non Condensing
<b>Storage Temperature</b>	Temp: -25 ~ 80 Centigrade	RH: 20 ~ 90% Non Condensing

## Dimension



Dimensions in mm [Inches]

File: 1207

## Ordering Information

Part Number	Type	Wavelength	Distance Supported
<b>Ikshu SFP LX</b>	Singlemode	1310nm	20km
<b>Ikshu SFP LH</b>	Singlemode	1310nm	40km
<b>Ikshu SFP XD</b>	Singlemode	1550nm	60km
<b>Ikshu SFP ZX</b>	Singlemode	1550nm	80km
<b>Ikshu SFP SX</b>	Multimode	850nm	550Mtrs



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