

# 1000BASE-SX SFP 1310nm 2km MMF



## Popular Compatibility Options

Vendor	Part Code
Wire	1000BASE-SX2-WR
Cisco	SFP-GE-S-2
Juniper	JX-SFP-1GE-SX-2
Juniper	EX-SFP-1GE-SX-2
Brocade	E1MG-SX2-1310
Arista	SFP-1G-SX-2
ComNet	SFP-46
Extreme	IMGBIC-LC03
Alcatel-Lucent	SFP-GIG-EXTND
Allied Telesis	AT-SPEX
D-Link	DEM-312GT2
Aruba	Available
75+ other vendors available	

## 1000BASE- SX Specifications

<b>Form Factor:</b>	SFP
<b>Data Rate:</b>	1000Mbps
<b>Tx/Rx Wavelength:</b>	1310nm
<b>Compatible with:</b>	See table
<b>Reach:</b>	2km
<b>Cable Type:</b>	MMF
<b>Interface Type:</b>	SFP
<b>DDM/DOM:</b>	Yes
<b>Connector Type:</b>	Duplex-LC
<b>Power Budget:</b>	-9.5-3dBm
<b>Temperature Range:</b>	0-70°C
<b>Warranty:</b>	Lifetime - See Warranty Document

## Description

This 1000BASE-SX compatible SFP transceiver provides 1G-SX throughput up to 2000m over Multi-Mode Fibre (MMF) using a wavelength of 1310nm via an LC connector. It is guaranteed to be 100% compatible with the host OEM switch. This easy to install, hot swappable transceiver has been programmed, uniquely serialized and application tested to ensure that it will initialize and perform identically to the OEM Transceiver. Digital Optical Monitoring (DOM) support is also present to allow access to real-time operating parameters. We stand behind the quality of our products and proudly offer a lifetime warranty.

## 1000BASE-SX Features

- Hot pluggable SFP footprint
- Protocol- SFF-8472 IEEE 802.3AH-2004
- RoHS-6 compliant
- Built-in digital diagnostic function
- Compliant with OEM Vendor multi-source agreement

## Testing

**Compatibility Tested:** Each transceiver is tested in an original host switch for recognition (Loop back test)

**Performance Tested:** Tested over an optical connection of the intended distance. Recreated in the lab using a bit fibre spool method

**100% Testing of all Transceivers:** No Batch Testing (1-10%)