

MSA Compliant SFP Transceiver Module - 1000BASE-LX

Product ID: SFP1000LXST



The SFP1000LXST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 1000BASE-LX compatible MSA switches and routers. The SFP transceiver module supports a maximum distance of up to 10 km (6.2 mi) and delivers dependable 1 GbE connectivity over fiber cabling.

Technical Specifications:

• Wavelength: 1310nm

• Maximum Data Transfer Rate: 1.25 Gbps

• Type: Single Mode Fiber

Connection Type: LC Connector

• Maximum Transfer Distance: 10 km (6.2 mi)

Power Consumption: Less than 1 Watt

DDM: Yes

This SFP fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.





StarTech.com SFPs

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP Cables, providing the convenience and reliability you need to ensure dependable network performance.





Certifications, Reports and Compatibility













Applications

- Replace defective or damaged SFP modules
- Expand your network to remote segments

Features

- Delivers reliable 1 GbE connections for 1000BASE-LX compliant networks
- StarTech.com SFP modules are backed by a lifetime warranty
- Complies with Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1 W
- Hot-swappable with fiber-optic modules



Data Sheet

Hardware Compatible Brand Industry Standards IEEE 802.3z 1000BASE-LX WDM		Warranty	Lifetime
Performance Compatible Networks DDM Yes Fiber Operating Mode Max Transfer Distance Maximum Data Transfer Rate Type Wavelength Single Mode Found Wavelength Single Mode Wavelength Silver Connector(s) Environmental Humidity 5~95% RH Operating Temperature O°C to 70°C (32°F to 158°F) Storage Temperature Volor to 85°C (-40°F to 185°F) Silver Physical Characteristics Enclosure Type Aluminum Product Height O.5 in [1.2 cm] Product Length Product Length O.6 in [15 mm] Weight of Product O.6 oz [18 g] Packaging Packaging	Hardware	Compatible Brand	MSA Compliant
Performance Compatible Networks 1000 Mbps (1 Gbps)		Industry Standards	IEEE 802.3z 1000BASE-LX
DDM Yes Fiber Operating Mode Full-Duplex Max Transfer Distance 10 km (6.2 mi) Maximum Data Transfer Rate 1.25 Gbps Type Single Mode Wavelength 1310nm Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) < 1 W Environmental Humidity 5~95% RH Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		WDM	No
Fiber Operating Mode Max Transfer Distance Maximum Data Transfer Rate Type Single Mode Wavelength 1310nm Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) Finding Temperature Operating Temperature Operating Temperature Operating Temperature Obor C to 70°C (32°F to 158°F) Storage Temperature Aluminum Product Height Operating Temperature O.5 in [1.2 cm] Product Length Product Width O.6 in [15 mm] Weight of Product O.6 oz [18 g] Packaging Packaging Packaging Package Height 1.3 in [33 mm]	Performance	Compatible Networks	1000 Mbps (1 Gbps)
Max Transfer Distance Maximum Data Transfer Rate Type Single Mode Wavelength Single Mode Wavelength 1310nm Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) Environmental Humidity 5~95% RH Operating Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length Product Width Weight of Product 0.6 oz [18 g] Packaging Packaging Package Height 1.3 in [33 mm]		DDM	Yes
Maximum Data Transfer Rate Type Single Mode Wavelength 1310nm Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) 5~95% RH Operating Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Product Height Product Length Product Length Product Width Weight of Product Maximum Data Transfer Rate 1.25 Gbps Single Mode 1.31 in [33 mm]		Fiber Operating Mode	Full-Duplex
Type Single Mode Wavelength 1310nm Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) < 1 W Environmental Humidity 5~95% RH Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Max Transfer Distance	10 km (6.2 mi)
Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) Environmental Humidity Operating Temperature Storage Temperature -40°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Maximum Data Transfer Rate	1.25 Gbps
Connector(s) Local Unit Connectors 1 - Fiber Optic LC Duplex Female Power Power Consumption (In Watts) 5~95% RH Operating Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height O.5 in [1.2 cm] Product Length Product Width O.6 in [15 mm] Weight of Product Veight of Product Dakage Height 1.3 in [33 mm]		Туре	Single Mode
PowerPower Consumption (In Watts)< 1 W		Wavelength	1310nm
Environmental Humidity 5~95% RH Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Color Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]	Connector(s)	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Color Silver Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]	Power	Power Consumption (In Watts)	< 1 W
Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]	Environmental	Humidity	5~95% RH
Physical Characteristics Color Silver Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Operating Temperature	0°C to 70°C (32°F to 158°F)
Characteristics Enclosure Type Aluminum Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Product Height 0.5 in [1.2 cm] Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]	-	Color	Silver
Product Length 2.3 in [59 mm] Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Enclosure Type	Aluminum
Product Width 0.6 in [15 mm] Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Product Height	0.5 in [1.2 cm]
Weight of Product 0.6 oz [18 g] Packaging Package Height 1.3 in [33 mm]		Product Length	2.3 in [59 mm]
Packaging Package Height 1.3 in [33 mm]		Product Width	0.6 in [15 mm]
		Weight of Product	0.6 oz [18 g]
		Package Height	1.3 in [33 mm]
Package Length 4.6 in [11.7 cm]		Package Length	4.6 in [11.7 cm]
Package Width 3.6 in [92 mm]		Package Width	3.6 in [92 mm]
Shipping (Package) Weight 1.7 oz [47 g]		Shipping (Package) Weight	1.7 oz [47 g]
What's in the Box Included in Package 1 - SFP transceiver	What's in the Box	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.