



# SFP Single-Mode 1000BASE-LX 20KM Gigabit Ethernet Fiber (Extended Temp)

Part Number: 1200083

Control offers SFP transceivers in a variety of models. If you have questions concerning the best SFP transceiver for a particular application, please contact your Control sales or technical support representative.



## SPECIFICATIONS

### HARDWARE

#### Bus Interface Specification

Gigabit Ethernet Fiber 1000BASE-LX

<b>Dimensions</b>	2.2" x 0.53" x 0.5"
	55.9 x 13.5 x 12.7 mm
<b>Hot Pluggable</b>	Yes
<b>Product Weight</b>	0.6 oz

### ENVIRONMENTAL SPECIFICATIONS

#### Air temperature

System On	-40 to 85° C
System Off	-40 to 85° C

#### Operating Humidity (non-condensing)

0% to 85%

### OPTICAL FIBER SPECIFICATION

<b>Fiber Mode</b>	Single-Mode
<b>Link Distance (Max)</b>	20KM
<b>Connector Type</b>	(1) Simplex LC
<b>Fiber Cable Type</b>	9/125um
<b>Data rate</b>	1.25 Gbps

### Wavelength

TX	1550nm
RX	1310nm
<b>Transmit Power (Min)</b>	-8 dBm
<b>Transmit Power (Max)</b>	-2 dBm
<b>Receive Sensitivity (Min)</b>	-23 dBm
<b>Receive Sensitivity (Max)</b>	-1 dBm
<b>Link Budget</b>	15 dBm

### Supported Communication

1000BASE-LX Full-Duplex

### Standard

IEEE802.3 1000BASE-LX  
SFP Multi-Source (MSA) Compliant

### EXPORT INFORMATION

<b>Packaged Shipping Weight</b>	1.5 oz 42.52 g
<b>Package Dimensions</b>	4.5" x 2.50" x 1.0" 114.3 x 63.5 x 25.4 mm
<b>Country of Origin</b>	USA
<b>ECCN</b>	5A991
<b>Schedule B Number</b>	8517.62.0050

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**Warranty Information**  
Control offers a 30-day satisfaction guarantee and 5-year limited warranty.

**Sales Support**  
+1.763.957.6000  
sales@comtrol.com

**Technical Support**  
+1.763.957.6000  
www.comtrol.com/support

**Email, FTP, and Web Support**  
info@comtrol.com  
ftp.comtrol.com  
www.comtrol.com