



# SFP Single-Mode 10KM Gigabit Ethernet Fiber (Extended Temp)

Part Number: 1200081

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

**Dimensions** 2.2" x 0.53" x 0.5"  
55.9 x 13.5 x 12.7 mm

**Hot Pluggable** Yes  
**Product Weight** 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

**Fiber Mode** Single-Mode  
**Link Distance (Max)** 10KM  
**Connector Type** (1) Simplex LC  
**Fiber Cable Type** 9/125um  
**Data rate** 1.25 Gbps

### Wavelength

**TX** 1550nm  
**RX** 1310nm

**Transmit Power (Min)** -9 dBm  
**Transmit Power (Max)** -3 dBm  
**Receive Sensitivity (Min)** -21 dBm  
**Receive Sensitivity (Max)** -1 dBm  
**Link Budget** 12 dBm

### Supported Communication

1000BASE-LX Full-Duplex

### Standard

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

### EXPORT INFORMATION

**Packaged Shipping Weight** 1.5 oz  
42.52 g  
**Package Dimensions** 4.5" x 2.50" x 1.0"  
114.3 x 63.5 x 25.4 mm

**Country of Origin** USA  
**ECCN** 5A991  
**Schedule B Number** 8517.62.0050

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

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