



# SFP Single-Mode 100BASE-BX 20KM Fast Ethernet (Extended Temperature)

Part Number: 1200076

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

100BASE-BX

#### SFP Type

Single strand bi-directional (BIDI/WDM)

#### 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  
0.017 kg

### 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)

20KM

#### Connector Type

(1) Duplex LC

#### Fiber Cable Type

9/125um

#### Data rate

1.25 Gbps

#### Wavelength

TX - 1310nm  
RX - 1550nm

#### Transmit Power (Min)

-14 dBm

#### Transmit Power (Max)

-8 dBm

#### Receive Sensitivity (Min)

-32 dBm

#### Receive Sensitivity (Max)

0 dBm

#### Link Budget

18 dBm

#### Supported Communication

100BASE-BX Full-Duplex

#### Standard

IEEE802.3ah 100BASE-BX  
SFP Multi-Source (MSA) Compliant

### EXPORT INFORMATION

#### Packaged Shipping Weight

1.5 oz

0.27 kg

#### 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.

#### Sales Support

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sales@control.com

#### Technical Support

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#### Email, FTP, and Web Support

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