



# SFP Single-Mode

## 30KM 100BASE-FX Fast Ethernet

Part Number: 1200043

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

|                                    |                                |
|------------------------------------|--------------------------------|
| <b>Bus Interface Specification</b> | 100BASE-FX Fast Ethernet Fiber |
| <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

|                           |              |
|---------------------------|--------------|
| <b>Air temperature</b>    |              |
| System On                 | -10 to 70° C |
| System Off                | -40 to 80° C |
| <b>Operating Humidity</b> |              |
| (non-condensing)          | 0% to 85%    |

#### OPTICAL FIBER SPECIFICATION

|                            |               |
|----------------------------|---------------|
| <b>Fiber Mode</b>          | Single-Mode   |
| <b>Link Distance (Max)</b> | 30KM          |
| <b>Connector Type</b>      | (1) Duplex LC |
| <b>Fiber Cable Type</b>    | 9/125um       |
| <b>Data rate</b>           | 125 Mbps      |
| <b>Wavelength</b>          | 1310nm        |

|   |                                       |
|---|---------------------------------------|
| <b>Transmit Power (Min)</b>             | -15 dBm                               |
| <b>Transmit Power (Max)</b>             | -8 dBm                                |
| <b>Receive Sensitivity (Min)</b>        | -34 dBm                               |
| <b>Receive Sensitivity (Max)</b>        | 0 dBm                                 |
| <b>Link Budget</b>                      | 19 dBm                                |
| <b>Supported Communication Standard</b> | 100BASE-FX Full-Duplex or Half-Duplex |
|   | IEEE802.3 100BASE-FX                  |
|   | 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           |

connect. communicate. control.

**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