



Features:

- + Small Form-factor Pluggable (SFP)
- + IEEE 802.3u 100Base-FX Standard
- + 2km Multi-mode Fiber
- + Hot-Swappable
- + FDA, CDRH, TUV Laser Eye Safety Certified
- + 200Mbps Full Duplex Data Transfer Rate

100BASE-FX Multimode LC SFP Transceiver, Up to 2km

Overview

D-Link's DEM-211 100BASE-FX Multimode LC SFP Transceiver provides a high performance solution for serial optical data communication applications. The DEM-211 has a duplex LC connector and provides an IEEE 802.3u compliant link for up to 100Mbps in half duplex mode (200Mbps full-duplex mode) for fiber cable applications.

D-Link's highly integrated transceivers offer low jitter performance for extended optical link support

without degradation. The high performance DEM-211 enables reliable data transfer in short, intermediate, and long distances for building, factory, campus, and metropolitan networking applications. When two switches are connected together using a DEM-211 transceiver on both ends, link speeds of up to 155Mbps can be attained. The DEM-211 allows you to provide 100BASE-FX SFP fiber optic connectivity on Gigabit combo SFP ports for D-Link switches¹.

Technical Specifications

Product/Performance Specifications

| | |
|------------------------|---|
| Compatible with | DES-1228, DES-1228P, DES-3252P, DES-3228PA, DES-1252, DGS-3612G |
| Capacity | 100Mbps half-duplex (200Mbps full-duplex) |
| Fiber Type | 62.5/125um Multi-mode |
| Maximum Cable Distance | 2km |
| Wave Length | 1310nm |

Network Protocols & Standards

| | |
|-----------|---------------------------------|
| IEEE | 802.3u 100BASE-FX |
| Emissions | FCC Class B, CE, ICES-003, VCCI |
| Safety | FDA/CDRH, TUV, UL, RoHS |

Physical & Environmental

| | |
|------------------------|---|
| Dimensions (L x W x H) | 0.5in x 2.28in x 0.3in |
| Weight | 0.03lbs |
| Temperature | Operating: 32°F to 158°F (0°C to 70°C) Storage: -40°F to 185°F (-40°C to 85°C) |
| Humidity | Operating: 10% to 90% Non-condensing Storage: 5% to 90% Non-condensing |
| Power Budget | 13dB |
| Power Voltage | 3.3V |
| Output Optical Power | Max.-14dBm, Min.-19dBm |

Warranty

| | |
|----------|----------------|
| Warranty | 2-Year Limited |
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¹This transceiver connects with supported compatible switches including the DES-1228, DES-1228P, DES-3252P, DES-3228PA, DES-1252, and DGS-3612G. Please visit support.dlink.com for an updated list of compatible D-Link devices.