Features

- Small Form Factor Pluggable (SFP)
- Multi-Source Agreement (MSA) Specification Compliance
- IEEE 802.3u 100BASE-FX Standard
- 2 km Multi-Mode or 15 km Single-Mode Fiber
- Hot-Swappable
- FDA, CDRH, TUV Laser Eye Safety Certified
- Duplex LC Connector

Ethernet SFP Transceivers

D-Link's DEM-210 and DEM-211 SFP transceivers provide a high performance solution for serial optical data communication applications. They are hot-swappable, Small Form Factor Pluggable (SFP) compliant with the Multi-Source Agreement (MSA) specification. The transceivers have duplex LC connectors and provide IEEE 802.3u compliant link for 100Mbps.

D-Link's highly integrated transceivers offer low jitter performance for extended optical links support without performance degradation. This high performance enables reliable data transfer in short-, intermediate- and long-distances for building, factory, campus and metropolitan networking applications.

Previous combo-port switch designs have previously only provided Gigabit copper or SFP fiber-optic connectivity but not 100BASE-FX SFP fiber-optic connectivity. Switch designs like the DES-1226G and DES-3526 are of the former type. D-Link now provides 100BASE-FX SFP fiber-optic connectivity on Gigabit combo SFP ports for new switch model designs. Futhermore, in our effort to offer a full product porfolio, D-Link has developed the DEM-210 & DEM-211 100BASE-FX SFP transceiver which can plug-in to the Gigabit combo SFP fiber-optic slot of selected switches to provide 100BASE-FX connectivity.



	DEM-210	DEM-211
		
Cable	Single-Mode Fiber	Specification Text
Fiber Type	9/125um Single-Mode	50/125um Multi-Mode 62.5/125um Multi-Mode
Max. Cable Distance	15 km	2 km
Standard	802.3u 100BASE-FX	802.3u 100BASE-FX
Data Rates	100Mbps	100Mbps
Port Type	Duplex LC	Duplex LC
RoHS Compliant	Yes	Yes
Wavelength	1310nm	1310 nm
Output Optical Power	Max. -8dBm, Min. -15dBm	Max. -14dBm, Min. -19dBm
Sensitivity	-32dBm	-32 dBm
Power Budget	17dB	13dB
Power Voltage	3.3V	3.3V
Operating Temperature	0 to 70 C	0 to 70 C
Storage Temperature	-40 to 85 C	-40 to 85 C
Operating Humidity	10% to 90% Non-Condensing	10% to 90% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing	5% to 90% Non-Condensing
Emission	FCC Class B, CE, ICES-003, VCCI	FCC Class B, CE, ICES-003, VCCI
Safety	FDA/CDRH, TUV, UL	FDA/CDRH, TUV, UL

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