

Product Highlights

Covers Vast Distances

Support for maximum cable lengths of 10km and is ideal for businesses spanning multiple premises

High Performance

Full duplex Gigabit data transfer rates provide the network transmission speeds that business environments demand

Hot Pluggable

Easily switch out transceivers while the power is on, facilitating network maintenance and minimizing downtime



DEM-310GT/SP Series

Gigabit SFP Transceivers

Features

- Small Form factor Pluggable (SFP)
- IEEE 802.3z standard
- Supports cable distances of up to 10 km
- Hot pluggable
- Metal enclosure for lower EMI

D-Link Gigabit SFP Transceivers plug into Gigabit and Fast Ethernet switches via their GBIC slots. They allow for the expansion of Gigabit Ethernet networks by providing high-speed connections over a fiber-optic or twisted-pair cable. The fiber-optic transceivers have standard duplex LC connectors to provide maximum compatibility. They are hot pluggable and Small Form Factor Pluggable (SFP) compliant with the Multi-Source Agreement (MSA) specification.

Small Form Pluggable (SFP) Package

The Gigabit SFP Transceivers use the Small Form-factor Pluggable (SFP) design. They provide the necessary signal amplification for data to be transmitted to the network cable from the port, and vice versa. The SFP form factor is advantageous because it is smaller than other form factors such as Xenpak, X2, and 10G XFP, ensuring lower costs, lower power disruption, and higher port density.

Multiple Applications

Applications of the DEM-300 Series fiber transceivers include distributed multi-processing, Gigabit switch cascading, high-speed I/O file transfer, bus extension application, and channel extender/data storage. This versatility is invaluable for an expanding network and helps the infrastructure grow with the business.

Hot Pluggable

All D-Link transceivers are hot pluggable. You can connect a transceiver while the system is powered on without causing any issues and easily swap one for another without having to reboot the switch each time. This permits modules to be added or removed without interrupting the network, facilitating maintenance and greatly reducing downtime.

Technical Specifications		
		DEM-310GT/TW
General features	Standard	· IEEE 802.3z 1000Base-LX
	Wavelength	· 1310 nm
	Data Rate	· 1.25 Gbps
	Connector	· Duplex LC
	Fiber Type	· 9/125 um Single-mode Fiber
	Maximum Fiber Cable Length	· 10 km
	Transmit Power Range	· -3 to -9 dBm
	Receive Power Range	· -3 to -22 dBm
	Sensitivity	· -22 dBm
Physical Parameters	Power Support	· 3.3 V
	Supply Current	· 220 mA
	Temperature	· Operating: 0° to 70°C · Storage: -40° to 85°C
	Humidity	· Operating: 0% to 85% · Storage: 0% to 85%
	Dimensions	· 56 mm x 13.7 mm x 8.5 mm

DEM-310GT/SP Gigabit SFP Transceivers

Order Information	
Part Number	Description
DEM-310GT/SP	1000BASE-LX Single-Mode 10KM SFP Transceiver, HW Version C1

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