



## DEM-F3XXGTI Series Industrial SFP Transceivers

### Features

- Class 1 Laser Product, complies with EN 60825-1.
- IEEE 802.3z Gigabit Ethernet compliant.
- Wide operating temperature range of -40° C to 85° C.
- Differential LVPECL inputs and outputs.
- Hot Pluggable.
- ROHS Compliant

D-Link Industrial Gigabit SFP allow for the expansion of Gigabit Ethernet networks by providing high-speed connections over a fiber-optic 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.

These Industrial Grade SFP transceivers can operate at wide temperature range of -40° C to 85° C; which makes them suitable to work in harsh industrial & outdoor field environments. These class 1 laser products are EN 60825-1 compliant & are safe to use in workplace too.

All D-Link SFP 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 entire network, facilitating maintenance and greatly reducing downtime.

Technical Specifications			
Model	DEM-F310GTI	DEM-F311GTI	DEM-F320GTI
Transceiver Type	SFP	SFP	SFP
Fiber Media Support	Single-Mode	Multi-Mode	Single-Mode
Speed	1.25 Gbps	1 Gbps	1.25 Gbps
Distance	10 km	550 m	20 km
Compliant Standard	IEEE8023Z1000BASE-LX	IEEE802.3Z 1000BASE-SX	IEEE8023Z1000BASE-LX
Connector	Duplex LC connector	Duplex LC connector	Duplex LC connector
Single/Bi Direction	Single-direction	Single-direction	Single-direction
Wavelength	1310nm	850 nm	1310nm
Cable Type	Single-mode 9µm fiber	Multi-mode 50 µm or 62.5 µm fiber	Single-mode 9µm fiber
Power Supply	3.3V	3.3V	3.3V
Hot Pluggable	√	√	√
MSA Compliant	√	√	√
RoHS Compliant	√	√	√

Ordering Information	
Part Code	Description
DEM-F310GTI	1000Base-LX Industrial SFP transceivers. -40° C to 85° C operating temperature.
DEM-F311GTI	1000Base-SX Industrial SFP transceivers. -40° C to 85° C operating temperature.
DEM-F320GTI	1000Base-LX Industrial SFP transceivers. -40° C to 85° C operating temperature.