Fibre Networking SFP Gigabit
DEM-300 Series

PRODUCT HIGHLIGHTS

Covers Vast Distances :
Support for maximum cable lengths of between 550 meters and 10 kilometers1 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.

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 fibre 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.

MULTIPLE APPLICATIONS
All Decs 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 inter-rupting the network, facilitating maintenance and greatly reducing downtime.

FEATURES

- Small Form factor Pluggable (SFP).
- Multi-Source Agreement (MSA) specification compliant.
- IEEE 802.3z standard.
- Depth adjustable mounting slots.
- Supports cable distances of up to 550 m / 1 km / 2 km / 10 km.
- Hot pluggable
- FDA, CDRH, TUV Laser Eye safety certified.
- TTL signal detect indicator.
- Metal enclosure for lower EMI.

SPECIFICATION

	DEM-310GT	DEM-311GT	DEM-312GT2
Transceiver Type	SFP	SFP	SFP
Fiber Media Support	Single-Mode	Single-Mode	Single-Mode
Speed	1.25 Gbps	1.25 Gbps	1.25 Gbps

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Fiber Media Support	Single-Mode	Single-Mode	Single-Mode
Speed	1.25 Gbps	1.25 Gbps	1.25 Gbps
Distance	10 km	550 m	62.5/125 um fiber: 1 km 50/125 um fiber: 2 km
Compliant Standard	IEEE802.3z 1000BASE-LX	IEEE802.3z 1000BASE-SX	EEE802.3z 1000BASE-SX
Connector	Duplex LC connector	Duplex LC connector	Duplex LC connector
Single/Bi Direction	Single-direction	Single-direction	Single-direction
Wavelength	1310 nm	850 nm	1310 nm
Cable Type	Single-mode 9 um fiber	Multi-mode 50 um or 62.5 um fiber	Multi-mode 50/125um or 62.5/125um fiber
Power Supply	3.3 V	3.3 V	3.3 V