



**Technical Specifications**

	DEM-310GT	DEM-311GT	DGS-712
Transceiver Type	• SFP	• SFP	• RJ45
Fiber Media Support	• Single-Mode	• Multi-Mode	• N/A
Speed	• 1.25 Gbps	• 1 Gbps	• 1 Gbps
Distance	• 10 km	• 550 m	• 100 m
Compliant Standard	• IEEE802.3z 1000BASE-LX	• IEEE802.3z 1000BASE-SX	• IEEE 802.3ab 1000BASE-T
Connector	• Duplex LC connector	• Duplex LC connector	• RJ45
Single/Bi Direction	• Single-direction	• Single-direction	• N/A
Wavelength	• 1310 nm	• 850 nm	• N/A
Cable Type	• Single-mode 9 um fiber	• Multi-mode 50 um or 62.5 um fiber	• Cat5, Cat5e, Cat6
Power Supply	• 3.3V	• 3.3V	• 3.3V
Hot Pluggable	✓	✓	✓
MSA Compliant	✓	✓	✓
RoHS Compliant	✓	✓	✓



	DEM-314GT	DEM-315GT	DEM-330T
Transceiver Type	• SFP	• SFP	• SFP
Fiber Media Support	• Single-Mode	• Single-Mode	• Single-Mode
Speed	• 1.25 Gbps	• 1 Gbps	• 1.25 Gbps
Distance	• 50 km	• 80 km	• 10 km
Compliant Standard	• IEEE802.3z 1000BASE-LHX	• IEEE802.3z 1000BASE-ZX	• IEEE802.3ah 1000BASE-BX-D
Connector	• Simplex LC connector	• Simplex LC Connector	• Simplex LC connector
Single/Bi Direction	• WDM bi-direction	• WDM bi-direction	• WDM bi-direction
Wavelength	• 1550 nm	• 1550 nm	• Tx: 1550 nm Rx: 1310 nm
Cable Type	• Single-mode 9 um fiber	• Single-mode 9 um fiber	• Single-mode 9/125 um fiber
Power Supply	• 3.3V	• 3.3V	• 3.3V
Hot Pluggable	✓	✓	✓
MSA Compliant	✓	✓	✓
RoHS Compliant	✓	✓	✓

## DEM-300 Series Gigabit SFP Transceivers

Order Information		
<i>Part Number</i>	<i>Description</i>	
DEM-310GT	1000BASE-LX Single-Mode 10KM SFP Transceiver	
DEM-311GT	1000BASE-SX Multi-Mode 550M SFP Transceiver	
DGS-712	1000BASE-T Copper 100M SFP Transceiver	
DEM-314GT	1000BASE-LX Single-Mode 10KM SFP Transceiver. 1000BASE-	
DEM-330T	SX Multi-Mode 550M SFP Transceiver 1000BASE-ZX Single-	
DEM-315GT	Mode 80KM SFP Transceiver	

<sup>1</sup> Distance capacity dependent on model.

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