

	Model	DEM-310GT	DEM-311GT	DEM-312GT2	DEM-312GT2	DEM-314GT	DEM-315GT	
	Description	Gigabit Single-Mode 10KM SFP Transceiver	Gigabit Multi-Mode 550M SFP Transceiver	Gigabit Multi-Mode 2KM SFP Transceiver	Gigabit Multi-Mode 2KM SFP Transceiver	Gigabit Single-Mode 50KM SFP Transceiver	Gigabit Single-Mode 80KM SFP Transceiver	
	HW ver	D1/E1	D1/E1	B1	C1	D1	D1	
Features	Hot Pluggable	V	V	V	V	V	V	
	MSA Compliant	V	V	V	V	V	V	
	RoHS Compliant	V	V	X	V	V	V	
	Compliant Standard	IEEE-802.3z 1000BASE-LX	IEEE-802.3z 1000BASE-SX	IEEE-802.3z 1000BASE 1000BASE-SX	IEEE-802.3z 1000BASE-SX	IEEE-802.3z 1000BASE-LHX	IEEE-802.3z 1000BASE-ZX	
Standard	Transceiver Type	SFP	SFP	SFP	SFP	SFP	SFP	
	Fibre Channel FC-PI standard	100-SM-LC-L	100-M5-SN-I and 100-M6-SN-I	-	-	100-SM-LL-V	100-SM-LL-V	
	Fiber Media support	Single-Mode	Multi-Mode	Multi-Mode	Multi-Mode	Single-Mode	Single-Mode	
	Distance	10KM	550M	2KM	2KM	50KM	80KM	
Speed	Speed	1Gbps	1Gbps	1Gbps	1Gbps	1Gbps	1Gbps	
Interface	connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	Duplex LC Connector	
	single/bi Direction	single-direction	single-direction	single-direction	single-direction	single-direction	single-direction	
	Wavelength	1310 nm	850 nm	1310 nm	1310 nm	1550 nm	1550 nm	
	Output Optical Power (TX Optical Power)	MAX.: -3 dBm MIN.: -9.5 dBm	MAX.: -4 dBm MIN.: -9.5 dBm	MAX.: -3 dBm MIN.: -9 dBm	MAX.: -3 dBm MIN.: -9.5 dBm	MAX.: 0 dBm MIN.: -6 dBm	MAX.: 5 dBm MIN.: 0 dBm	
	Input Optical Power (RX Optical Power)	MAX.: -3 dBm MIN.: -21 dBm	MAX.: -3 dBm MIN.: -17 dBm	MAX.: -3 dBm MIN.: -23 dBm	MAX.: -3 dBm MIN.: -23 dBm	MAX.: -3 dBm MIN.: -23 dBm	MAX.: -3 dBm MIN.: -23 dBm	
	Sensitivity	-21 dBm	-17 dBm	-23 dBm	-23 dBm	-23 dBm	-23 dBm	
	Cable Type	- single-mode 9/125um fiber: reach 10km - multi-mode 50/125um fiber: reach 2km - multi-mode 62.5/125um fiber: reach 500m	multi-mode 50/125um or 62.5/125um fiber	- multi-mode 62.5/125um fiber: reach 2km - multi-mode 50/125um fiber: reach 1km	- multi-mode 62.5/125um fiber: reach 2km - multi-mode 50/125um fiber: reach 1km	single-mode 9/125um fiber	single-mode 9/125um fiber	
	Operating	Power	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V
		Max Input Current	300mA	240mA	300mA	300mA	300mA	300mA
		Power Budget (MIN Power Budget)	11.5 dB	7.5dB	14 dB	13.5 dB	17 dB	23dB
MAX Power Budget		18dB	13dB	20dB	20dB	23dB	18dB	
Heat Generated		1.78kJ/h	1.54kJ/h	1.78kJ/h	1.78kJ/h	1.90kJ/h	2.37kJ/h	
MTBF (hours)	3,259,763	3,259,763	3,259,763	3,259,763	3,259,763	3,259,763		
Physical & Environment	Operation Temperature	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	0-70°C	
	Storage Temperature	-40-85°C	-40-85°C	-40-85°C	-40-85°C	-40-85°C	-40-85°C	
	Humidity (Operating)	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	
	Humidity (Storage)	5% ~ 90%	5% ~ 90%	5% ~ 90%	5% ~ 90%	5% ~ 90%	5% ~ 90%	
	Dimension (W x D x H) mm	13.4mm x 56.4mm x 10.35mm	13.4mm x 56.4mm x 10.35mm	13.4mm x 56.4mm x 10.35mm	13.4mm x 56.4mm x 10.35mm	13.4mm x 56.4mm x 10.35mm	13.4mm x 56.4mm x 10.35mm	
	Weight	16.5g	15.5g	17.5g	17.5g	17.8g	17.8g	
Emission (EMI) and Safety	EMI:	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B	
	Safety:	FDA/CDRH, TUV, cUL	FDA/CDRH, TUV, cUL	FDA/CDRH, TUV, cUL	FDA/CDRH, TUV, cUL	FDA/CDRH, TUV, cUL	FDA/CDRH, TUV, cUL	
Certifications	Packing Style	D-Link Brown Box	D-Link Brown Box	D-Link Brown Box	D-Link Brown Box	D-Link Brown Box	D-Link Brown Box	
	Packaging Contents	DEM-310GT x 1	DEM-311GT x 1	DEM-312GT2 x 1	DEM-312GT2 x 1	DEM-314GT x 1	DEM-315GT x 1	
	Unit per Carton	50 pcs	50 pcs	50 pcs	50 pcs	50 pcs	50 pcs	
	Unit per Pallet	N/A	N/A	N/A	N/A	N/A	N/A	
	BOX	N/A	N/A	N/A	N/A	N/A	N/A	
	Carton	362mm x 312mm x 265mm	362mm x 312mm x 265mm	362mm x 312mm x 265mm	362mm x 312mm x 265mm	362mm x 312mm x 265mm	362mm x 312mm x 265mm	
	INTRASTAT weight	0.097 kgs	97g	97g	97g	97g	97g	
	Packing material weight	0.097 kgs	97g	97g	97g	97g	97g	