

0,8GHz - 4,2GHz

Part Number	FLG-10D	FLG-15D	FLG-30D	FLG-50D	FLG-100D	FLG-200D
Frequency Range [Hz]	0.8G-4.2G	0.8G-4.2G	0.8G-4.2G	0.8G-4.2G	0.8G-4.2G	0.8G-4.2G
Max. Output Power typically [Watts]	7	15	28	50	100	200
Output Power @ 1dB Compression, min. [Watts]	5	12	22	40	70	135
RF Input, max [dBm]	+10	+10	+10	+10	+10	+10
Gain [dB]	39	43	46	48	51	54
Flatness [dB]	±2	±2	±2	±2	±2	±2
IP3 [dBm], typ.	47	51	54	56	58	61
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1dB comp., [dBc], typical	-20	-20	-20	-20	-20	-20
Spurious Signals @ 1dB comp., [dBc], typical	-60	-60	-60	-60	-60	-60
Input / Output Impedance [ohms]	50 / 50	50 / 50	50 / 50	50 / 50	50 / 50	50 / 50
Connectors In / Out	N(f)/N(f)	N(f)/N(f)	N(f)/N(f)	N(f)/N(f)	N(f)/N(f)	N(f)/N(f)
Dimensions [mm]	W	483 (19")	483 (19")	483 (19")	483 (19")	610 (24")
	H	89	89	89	223	762
	D	458	458	508	508	762
Weight [kg]	10	15	17	23	38	145
AC Power Input [W]	100	300	350	600	1200	2500
Power Supply [V AC]	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240	100 - 240
Phases	1	1	1	1	1	1
Operating Temperature [°C]	0 / + 50	0 / + 50	0 / + 50	0 / + 50	0 / + 50	0 / + 50
Operating Humidity Non-Condensing [%]	95	95	95	95	95	95
Cooling	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air
Circuit Protection	• Thermal Overload • Over Current	• Thermal Overload • Over Current	• Thermal Overload • Over Current	• Thermal Overload • Over Current	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage