

0,8GHz – 2 GHz

Part Number	FLG-5A	FLG-10A	FLG-25A	FLG-50A	FLG-100A	FLG-200A
Frequency Range [Hz]	0.8G-2G	0.8G-2G	0.8G-2G	0.8G-2G	0.8G-2G	0.8G-2G
Max. Output Power typically [Watts]	7	12	25	50	100	200
Output Power @ 1dB Compression, min. [Watts]	5	10	20	40	80	150
RF Input, max [dBm]	+10	+10	+10	+10	+10	+10
Gain [dB]	39	41	44	48	51	54
Flatness [dB]	±1.5	±1	±1.5	±1.5	±2	±2
IP3 [dBm], typ.	47	50	53	56	59	62
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")	483 (19")
	H	89	89	89	178	223
	D	458	458	458	508	508
Weight [kg]	12	13	13	15	30	40
AC Power Input [W]	100	120	220	400	1000	1500
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	• Thermal Overload	• Thermal Overload	• Ther. Overload	• Thermal Overload	• Thermal Overload
		• Over Current	• Infinite VSWR	• Infinite VSWR	• Over Current	
		• Over Voltage		• Over Voltage	• Over Voltage	