

1GHz – 3GHz

Part Number	FLG-10C	FLG-15C	FLG-30C	FLG-50C	FLG-100C	FLG-200C
Frequency Range [Hz]	1G-3G	1G-3G	1G-3G	1G-3G	1G-3G	1G-3G
Max. Output Power typically [Watts]	10	15	30	50	100	200
Output Power @ 1dB Compression, min. [Watts]	7	12	24	40	80	150
RF Input, max [dBm]	+10	+10	+10	+10	+10	+10
Gain [dB]	39	43	46	48	51	54
Flatness [dB]	±1.5	±1.5	±1.5	±2	±2	±2
IP3 [dBm], typ.	48	51	54	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")	609
	H	89	89	89	223	762
	D	458	458	458	660	762
Weight [kg]	15	15	17	23	40	100
AC Power Input [W]	200	200	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 • Over Voltage	• Thermal Overload • Over Current	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage