

0.7 GHz – 3 GHz

Part number	FLG-15CA	FLG-30CA	FLG-70CA	FLG-120CA	FLG-250CA
Frequency range (Hz)	0.7G-3G	0.7G-3G	0.7G-3G	0.7G-3G	0.7G-3G
Max. output power typ. (W)	15	30	70	120	250
Output power @ 1dB compression, typ. min. (W)	12	24	45	80	150
RF input, max. (dBm)	+10	+10	+6	+6	+10
Gain (dB), typ.	+43	+46	+49	+53	+55
Flatness (dB), typ.	±2	±2	±1.5	±1.5	±2.5
IP3 (dBm), typ.	+51	+54	+52	+56	+60
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 12W	-20 @ 24W	-20 @ 45W	-20 @ 80W	-20 @ 150W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 12W	<-60 @ 24W	<-60 @ 45W	<-60 @ 80W	<-60 @ 150W
Input / output impedance (ohms)	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)
Dimensions (mm)					
W	483 (19")	483 (19")	483 (19")	483 (19")	483 (19")
H	89	89	134	134	223
D	458	458	508	508	661
Weight (kg)	14	16	22	22	37
AC power input (W)	200	350	900	1800	3000
Power supply (VAC)	100-240	100-240	100-240	100-240	180-264
Phases	1	1	1	1	1
Operating temperature (°C)	0/+50	0/+50	0/+50	0/+50	0/+50
Operating humidity Non-condensing (%)	95	95	95	95	95
Cooling	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air
Circuit protection	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage 	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage 	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage 	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage 	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage • VSWR protection

Specifications at 25°C | Specifications subject to change without notice