

2 GHz – 6 GHz

80 MHz – 6 GHz

Part number	FLG-9F	FLG-15F	FLG-30F	FLG-50F	FLG-100F	FLHG-300-1F
Frequency range (Hz)	2G-6G	2G-6G	2G-6G	2G-6G	2G-6G	Channel 1: 80M-1G Channel 2: 100M-2.5G Channel 3: 2.5G-6G
Max. output power typ. (W)	9	15	30	50	100	Channel 1: 280W Channel 2: 80W Channel 3: 50W
Output power @ 1dB compression, typ. min. (W)	5	8-10	20-25	40	60	Channel 1: 150W Channel 2: 60W Channel 3: 30W
RF input, max. (dBm)	+3	+6	+3	0	+3	0
Gain (dB), typ.	+40	+43	+46	+50	+53	47-55 depending on channel
Flatness (dB), typ.	±2.5	±1.5	±2.5	±3	±3	±2.5 without ALC ±1.0 with internal levelling
IP3 (dBm), typ.	+46	+50	+52	+54	+54	+8 above P1dB
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1	2:1
Harmonics (dBc), typ.	-20	-20	-20	-20	-20	-20
Spurious signals (dBc), typ.	<-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")	1067 (42")
H	134	134	134	134	223	610
D	508	508	508	508	610	762
Weight (kg)	20	17	20	22	34	159
AC power input (W)	300	400	400	800	2000	Ch. 1: 4000W max. Ch. 2: 1200W max. Ch. 3: 800W max.
Power supply (VAC)	100-240	100-240	100-240	100-240	100-240	Ch. 1: 208-240 Ch. 2+3: 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	<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 	<ul style="list-style-type: none"> Thermal overload Over current Over voltage VSWR protection

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