

0.8 GHz – 2 GHz

Part number	FLG-7A	FLG-12A	FLG-25A	FLG-50A
Frequency range (Hz)	0.8G-2G	0.8G-2G	0.8G-2G	0.8G-2G
Max. output power typ. (W)	7	12	25	50
Output power @ 1dB compression, typ. min. (W)	5	10	20	35
RF input, max. (dBm)	+10	+10	+10	+10
Gain (dB), typ.	+39	+41	+44	+48
Flatness (dB), typ.	±1.5	±1.5	±1.5	±1.5
IP3 (dBm), typ.	+47	+50	+53	+56
Input VSWR, max.	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 5W	-20 @ 10W	-20 @ 20W	-20 @ 35W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 5W	<-60 @ 10W	>-60 @ 20W	<-60 @ 35W
Input / output impedance (ohms)	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)
Dimensions (mm)				
W	483 (19")	483 (19")	483 (19")	483 (19")
H	89	134	89	134
D	458	508	458	661
Weight (kg)	12	15	12	14
AC power input (W)	100	120	220	400
Power supply (VAC)	100-240	100-240	100-240	100-240
Phases	1	1	1	1
Operating temperature (°C)	0/+50	0/+50	0/+50	0/+50
Operating humidity Non-condensing (%)	95	95	95	95
Cooling	Internal forced air	Internal forced air	Internal forced air	Internal forced air
Circuit protection	• Thermal overload	• Thermal overload • Over current • Over voltage	• Thermal overload • Infinite load VSWR	• Thermal overload • Over current • Over voltage

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

0.8 GHz – 2 GHz

Part number	FLG-120A	FLG-200A	FLG-300A	FLG-500A
Frequency range (Hz)	0.8G-2G	0.8G-2G	0.8G-2G	0.8G-2G
Max. output power typ. (W)	120	200	300	500
Output power @ 1dB compression, typ. min. (W)	80	150	150	300
RF input, max. (dBm)	+10	+10	+10	+10
Gain (dB), typ.	+52	+54	+56	+58
Flatness (dB), typ.	±2	±2	±2	±2.5
IP3 (dBm), typ.	+59	+62	+64	+65
Input VSWR, max.	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 80W	-20@150W	-20@250W	-20 @ 300W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 80W	<-60 @ 150W	<-60 @ 300W	<-60 @ 300W
Input / output impedance (ohms)	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) 7/16 DIN
Dimensions (mm)				
W	483 (19")	483 (19")	483 (19")	483 (19")
H	178	223	223	356
D	508	508	674	661
Weight (kg)	28	37	46	68
AC power input (W)	1000	1500	2500	3000
Power supply (VAC)	100-240	100-240	208 + 10%	180-264
Phases	1	1	1	1
Operating temperature (°C)	0/+50	0/+50	0/+50	0/+50
Operating humidity Non-condensing (%)	95	95	95	95
Cooling	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 	<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