

0.7 GHz – 4.2 GHz

Part number	FLG-7D	FLG-15D	FLG-28D	FLG-60D	FLG-100D	FLG-200D
Frequency range (Hz)	0.8G-4.2G	0.8G-4.2G	0.8G-4.2G	0.7G-4.2G	0.7G-4.2G	0.7G-4.2G
Max. output power typ. (W)	7	15	28	60	100	200
Output power @ 1dB compression, typ. min. (W)	5	12	22	40	60	120
RF input, max. (dBm)	+10	+10	+10	+10	+10	+10
Gain (dB), typ.	+39	+43	+46	+49	+51	+55
Flatness (dB), typ.	±2	±2	±2.5	±3	±3	±2
IP3 (dBm), typ.	+47	+51	+54	+56	+56	+60
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 5W	-20 @ 12W	-20 @ 22W	-20 @ 45W	-20 @ 60W	-20 @ 120W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 5W	>-60 @ 12W	<-60 @ 22W	<-60 @ 45W	<-60 @ 60W	<-60 @ 120W
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")	483 (19")
H	134	89	134	134	223	356
D	458	458	508	508	661	661
Weight (kg)	12	14	22	20	37	68
AC power input (W)	75	200	350	1000	1500	5000
Power supply (VAC)	100-240	100-240	100-240	100-240	100-240	180-264
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 	<ul style="list-style-type: none"> • Thermal overload • Over current 	<ul style="list-style-type: none"> • Thermal overload • Over current 	<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