

20MHz – 1000MHz

Part Number	FLH-20B	FLH-70B	FLH-120B	FLH-200B	FLH-280B	FLH-500B
Frequency Range [Hz]	20M-1000M	20M-1000M	20M-1000M	20M-1000M	80M-1000M	80M-1000M
Max. Output Power typically [Watts]	20	70	120	200	280	500
Output Power @ 1dB Compression, min. [Watts]	13	40	75	120	150	300
RF Input, max [dBm]	0	0	0	0	0	0
Gain [dB]	44	49	52	54	56	58
Flatness [dB]	±1.5	±1.5	±2	±2	±2.5	±2.5
IP3 [dBm], typ.	47	52	55	57	58	61
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1dB comp., [dBc], typical	-20	-20	-20	-20	-25	-25
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")	787 (26")	572
	H	89	134	178	223	788
	D	458	508	508	508	661
Weight [kg]	12	20	30	40	170	180
AC Power Input [W]	200	500	1500	3000	4000	6000
Power Supply [V AC]	100 – 240	100 – 240	100 – 240	200 – 240	186 – 264	186 – 264
Phases	1	1	1	1	3	3
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 • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Ther. Overload • Infinite VSWR • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage