

10kHz – 230 MHz

Part Number	FLL-25A	FLL-75	FLL-75A	FLL-100A	FLL-250A	FLL-500A	FLL-750A
Frequency Range [Hz]	10k-230M	100k-300M	150k-230M	10k-200M	10k-200M	150k-230M	10k-200M
Max. Output Power typically [Watts]	25	80	75	100	250	500	750
Output Power @ 1dB Compression, min. [Watts]	15	50	45	60	175	300	500
RF Input, max [dBm]	0	0	0	0	0	0	0
Gain [dB]	44	51	49	50	55	57	59
Flatness [dB]	±1.5	±1.5	±1.5	±1.5	±2	±2	±2.5
IP3 [dBm], typ.	48	-	52	54	59	61	63
Input VSWR, max.	2:1	1,5:1	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1dB comp., [dBc], typical	-20	-20	-20	-20	-15	-20	-15
Spurious Signals @ 1dB comp., [dBc], typical	-60	-75	-60	-60	-60	-60	-60
Input / Output Impedance [ohms]	50 / 50	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)	N(f)/N(f)
Dimensions [mm]	W	483 (19")	450	483 (19")	483 (19")	788 (26")	572
	H	134	140	134	223	610	788
	D	508	365	508	508	661	661
Weight [kg]	17	10	20	34	36	95	182
AC Power Input [W]	200	350	400	600	1200	3500	6000
Power Supply [V AC]	100 – 400	115 – 230	100 – 240	100 – 240	100 – 240	186 – 264	186 – 264
Phases	1	1	1	1	1	1	3
Operating Humidity Non-Condensing [%]	95	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	Internal forced air
Circuit Protection	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage