

# 10 kHz – 300 MHz

Part number	FLL-25A	FLL-25	FLL-75	FLL-75A	FLL-100A	FLL-250A	FLL-600A
Frequency range (Hz)	10k-230M	100k-250M	100k-300M	150k-230M	10k-250M	10k-200M	10k-200M
Max. output power typ. (W)	25	25	75	75	100	250	600
Output power @ 1dB compression, typ. min. (W)	15	20	50	45	60	175	400
RF input, max. (dBm)	0	0	0	0	0	0	0
Gain (dB), typ.	+44	46	51	+49	+50	+55	+59
Flatness (dB), typ.	±1.5	±1.5	±1.5	±1.5	±2.5	±2	±2.5
IP3 (dBm), typ.	+48	48	52	+52	+54	+60	+60
Input VSWR, max.	2:1	1.5:1	1.5:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-15 @ 15W	-20 @ 20W	-20 @ 50W	-15 @ 45W	-15 @ 60W	-15 @ 175W	-15 @ 250W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 15W	-75 @ 20W	-75 @ 50W	<-60 @ 45W	<-60 @ 60W	<-60 @ 175W	<-60 @ 250W
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")	449 (19")	449 (19")	483 (19")	483 (19")	483 (19")	483 (19")
H	134	133	133	134	223	223	356
D	508	436	436	508	508	508	661
Weight (kg)	16	8	10	22	34	36	68
AC power input (W)	200	150	400	400	600	1200	4000
Power supply (VAC)	100-240	88-264	100-240	100-240	100-240	100-240	180-240
Phases	1	1	1	1	1	1	1
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	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> <li>• VSWR protection</li> </ul>

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