

10kHz – 400MHz

Part Number	FLC-100	FLC-100E	FLC-150	FLC-150E
Frequency Range [Hz]	100k-400M	10k-400M	100k-400M	10k-400M
Max. Output Power typically [Watts]	140	130	220	180
Output Power @ 1dB Compression, min. [Watts]	80	70	140	125
RF Input, max [dBm]	0	0	0	0
Gain [dB]	51	51	53	53
Flatness [dB]	±1.5	±1.5	±1.5	±1.5
IP3 [dBm], typ.	58	57	61	60
Input VSWR, max.	1.5:1	2:1	2:1	2:1
Harmonics @ 1dB comp., [dBc], typical	-20	-20	-20	-20
Spurious Signals @ 1dB comp., [dBc], typical	-60	-60	-60	-60
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 460 (19")	460 (19")	460 (19")	460 (19")
	H 150	150	150	150
	D 455	455	455	455
Weight [kg]	16	16	20	20
AC Power Input [W]	500	500	900	900
Power Supply [V AC]	230	230	230	230
Phases	1	1	1	1
Operating Temperature [°C]	0 – 45	0 – 45	0 – 45	0 – 45
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 • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage	• Thermal Overload • Over Current • Over Voltage