

10 kHz – 400 MHz

Part number	FLC-75	FLC-100	FLC-100E	FLC-150	FLC-150E
Frequency range (Hz)	100k-400M	100k-400M	10k-400M	100k-400M	10k-400M
Max. output power typ. (W)	75	140	130	220	180
Output power @ 1dB compression, typ. min. (W)	50	80	70	140	125
RF input, max. (dBm)	0	0	0	0	0
Gain (dB), typ.	51	51	51	53	53
Flatness (dB), typ.	±1.5	±1.5	±1.5	±1.5	±1.5
IP3 (dBm), typ.	52	58	57	61	60
Input VSWR, max.	1.5:1	1.5:1	2:1	2:1	2:1
Harmonics (dBc), typ.	-20	-20	-20	-20	-20
Spurious signals (dBc), typ.	-75	-60	-60	-60	-60
Input / output impedance (ohms)	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)
Dimensions (mm)					
W	483 (19")	483 (19")	483 (19")	483 (19")	483 (19")
H	133	150	150	150	150
D	436	455	455	455	455
Weight (kg)	10	16	16	20	20
AC power input (W)	400	500	500	900	900
Power supply (VAC)	88-264	230	230	230	230
Phases	1	1	1	1	1
Operating temperature (°C)	0-45	0-45	0-45	0-45	0-45
Operating humidity Non-condensing (%)	95	95	95	95	95
Cooling	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 • 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 	<ul style="list-style-type: none"> • Thermal overload • Over current • Over voltage

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