

# 1 MHz – 1000 MHz

Part number	FLH-4A	FLH-50A	FLH-100A	FLH-100C	FLH-200C
Frequency range (Hz)	1M-1000M	1M-1000M	1M-1000M	20M-500M	20M-500M
Max. output power typ. (W)	4	50	100	100	200
Output power @ 1dB compression, typ. min. (W)	2	30	60	60	120
RF input, max. (dBm)	0	0	0	0	0
Gain (dB), typ.	+36	+48	+50	+51	+54
Flatness (dB), typ.	±1.5	±2	±2.5	±2	±2
IP3 (dBm), typ.	+39	+51	+54	+56	+55
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 2W	-20 @ 30W	-20 @ 60W	-20 @ 60W	-20 @ 120W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 2W	<-60 @30W	<-60 @60W	<-60 @ 60W	>-60 @ 120W
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	134	134	223	89	223
D	508	508	508	458	508
Weight (kg)	20	23	37	16	37
AC power input (W)	100	750	2500	600	1000
Power supply (VAC)	100-240	100-240	200-240	100-240	100-240
Phases	1	1	1	1	1
Operating temperature (°C)	0/+50	0/+50	0/+50	0/+50	0/+50
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"> <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> </ul>

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