

# 20 MHz – 1000 MHz

Part number	FLH-20B	FLH-70B	FLH-120B	FLH-200B	FLH-500B
Frequency range (Hz)	20M-1000M	20M-1000M	20M-1000M	20M-1000M	20M-1000M
Max. output power typ. (W)	20	70	120	200	500
Output power @ 1dB compression, typ. min. (W)	13	40	70	120	250
RF input, max. (dBm)	0	0	0	0	0
Gain (dB), typ.	+44	+49	+52	+54	+58
Flatness (dB), typ.	±1.5	±2	±2	±3	±2.0 ±1.25 with ALC
IP3 (dBm), typ.	+47	+52	+55	+57	+63
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 10W	-20 @40W	-20 @70W	-20 @120W	-15 @ 250W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 10W	<-60 @40W	<-60 @70W	<-60 @120W	<-60 @ 250W
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")	788 (31")
H	134	134	178	223	610
D	508	508	508	508	661
Weight (kg)	20	22	28	38	87
AC power input (W)	200	750	1500	3000	5000
Power supply (VAC)	100-240	100-240	100-240	200-240	200-240
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> <li>• VSWR protection</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> <li>• VSWR protection, etc.</li> </ul>

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