

RF Amplifier Modules - Broadband

Part No.	Frequency range (GHz)	Min. Gain (dB)	Max. Gain ripple	Max. Noise figure	Min. P1dBm	Max. DC current
LMF202	0.5 - 2	15	+/-1.2dB	+4.5dB	14	90mA
LMF212	2 - 4	15	+/-1.2dB	+4.5dB	14	90mA
LMF222	4 - 8	15	+/-1.2dB	+4.5dB	14	90mA
LMF232	8 - 12	15	+/-1.2dB	+4.5dB	14	90mA
LMF242	12 - 18	15	+/-1.2dB	+4.5dB	14	90mA
LMF262	2 - 18	15	+/-1.2dB	+4.5dB	14	90mA
LMF272	6 - 18	15	+/-1.2dB	+4.5dB	14	90mA
LMF303	0.5 - 2	23	+/-1.5dB	+4.5dB	13	140mA
LMF313	2 - 4	23	+/-1.5dB	+4.5dB	13	140mA
LMF323	4 - 8	23	+/-1.5dB	+4.5dB	13	140mA
LMF333	8 - 12	23	+/-1.5dB	+4.5dB	13	140mA
LMF343	12 - 18	23	+/-1.5dB	+4.5dB	13	140mA
LMF363	2 - 18	23	+/-1.5dB	+4.5dB	13	140mA
LMF373	6 - 18	23	+/-1.5dB	+4.5dB	13	140mA
LMF304	0.5 - 2	32	+/-1.5dB	+4.5dB	13	170mA
LMF314	2 - 4	32	+/-1.5dB	+4.5dB	13	170mA
LMF324	4 - 8	32	+/-1.5dB	+4.5dB	13	170mA
LMF334	8 - 12	32	+/-1.5dB	+4.5dB	13	170mA
LMF344	12 - 18	32	+/-1.5dB	+4.5dB	13	170mA
LMF364	2 - 18	32	+/-1.5dB	+4.5dB	13	170mA
LMF374	6 - 18	32	+/-1.5dB	+4.5dB	13	170mA
LMF405	0.5 - 2	42	+/-1.5dB	+4.5dB	14	220mA
LMF415	2 - 4	42	+/-1.5dB	+4.5dB	14	220mA
LMF425	4 - 8	42	+/-1.5dB	+4.5dB	14	220mA
LMF435	8 - 12	42	+/-1.5dB	+4.5dB	14	220mA
LMF445	12 - 18	42	+/-1.5dB	+4.5dB	14	220mA
LMF465	2 - 18	42	+/-1.5dB	+4.5dB	14	220mA
LMF475	6 - 18	42	+/-1.5dB	+4.5dB	14	220mA
LMF406	0.5 - 2	51	+/-1.8dB	+4.5dB	14	260mA
LMF416	2 - 4	51	+/-1.8dB	+4.5dB	14	260mA
LMF426	4 - 8	51	+/-1.8dB	+4.5dB	14	260mA
LMF436	8 - 12	51	+/-1.8dB	+4.5dB	14	260mA
LMF446	12 - 18	51	+/-1.8dB	+4.5dB	14	260mA
LMF466	2 - 18	51	+/-1.8dB	+4.5dB	14	260mA
LMF474	6 - 18	51	+/-1.8dB	+4.5dB	14	260mA

COMMON SPECIFICATIONS

Input VSWR <2:1
Output VSWR <2:1

Absolute maximum input power +19dBm

LME Series Gain level varies by 0.015dB/°C per gain stage
Operating temperature range -40°C to +85°C - Temperature compensated devices
Functional temperature range -40°C to +85°C - Performance not guaranteed over temperature