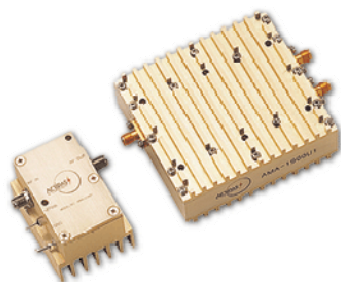


Medium Power Amplifier (MPA)

▣ Description



The AMA series is well suited for drive high power amplifier.

These series are specially designed for spurious suppression characteristics and high dynamic range.

The AMA series can be used in cellular, PCS, and customized to meet your exact gain and frequency requirements.

▣ Specifications

Model No.	AMA -1020L	AMA -2030H	AMA -1800A	AMA -1800B	AMA -1900
Frequency Range[MHz]	869 ~ 894	1860 ~ 1870	1840 ~ 1870	1840 ~ 1870	1930 ~ 1990
Gain[dB]	21.5±0.5	30.0±1.0	22.5±1.0	30.0±1.0	30.0±1.0
Gain Flatness[dB]	±0.2max.	±0.3max.	±0.5max.	±0.5max.	±0.5max.
VSWR	1.6 : 1max.	1.6 : 1max.	1.5 : 1max.	1.5 : 1max.	1.5 : 1max.
P1dB[dBm]	21min.	21min.	24min.	36min.	27min.
PIP3[dBm]	34min.	34min.	38min.	47min.	41min.
Noise Figure(dB)	5.0max.	6.0max.	4.0max.	4.0max.	4.0max.
DC Power[Vdc / A]	+12 / 0.25	+24 / 0.35	+12 / 0.3	+12 / 1.3	+12 / 0.4
Operating Temperature[°C]	-20 ~ +60	-20 ~ +60	-30 ~ +70	-30 ~ +70	-30 ~ +70
Size(WxLxH) , [mm(inch)]	39x51x38 (1.53x2.00x1.49)		82x45x21 (3.23x1.77x0.82)		75x82x29 (2.95x3.22x1.14)

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com