

MPA-80M-1G-1K

80 MHz -1 GHz, 1KW CW

MPA-80M-1G-1K is a fully integrated solid-state amplifier based on modern technology with outstanding linearity performance and reliability. Ideal for CW, Pulsed and Modulated signals.

Applications:

- *EMC*
- *General purpose component testing*

Electrical specifications:

	Unit	Min	Typical	Max
Frequency	MHz	80		1000
Psat	W	1200		
P1dB	W		1000	
Gain (small signal)	dB		65	
Gain Flatness	dB		+/-2.5	
Variable Gain	dB		20	
VSWR Input/Output			1.5:1	2:1
Harmonics (@ Psat)	dBc		-20	
Spur (@ Psat)	dBc		-65	-60
RF Input	dBm			-10

Power consumption:

- 415 VAC, 50-60Hz. 3 phase

Mechanical specifications:

- *Enclosure* 19" rack mount, 24U. Rack included
- *Weight* 175 Kg
- *RF input* Type N female
- *RF output* Type 7/16 female
- *Sampling* Type N Female
- *Cooling* Air cooling

Available options:

- *Integrated coupler, 70dB coupling*
- *Input and Output on the rear optional*

Environmental specifications:

- *Operating temp.* 0 to 50 degree Celsius
- *Storage temp.* -25 to 65 degrees Celsius

Remote control:

- *TCPIP*
- *RS485*