

# 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

## Environmental specifications:

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

## Available options:

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

## Remote control:

- TCP/IP
- RS485