

# MPA-9K-0G225-3K5

9KHz - 225 MHz 3.5 KW CW

MPA-9K-0G225-3K5 is a fully integrated solid-state amplifier based on modern LDMOS technology. Designed to operate in Class A, the Maury amplifier will offer 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	0.009		225
Psat	W	3500		
P1dB	W		2500	
Gain (small signal)	dB	65		
Gain Flatness	dB		+/-3	
Variable Gain	dB		20	
VSWR Input			1.5:1	2:1
Harmonics (@ P1dB)	dBc		-20	
Spur (@ Psat)	dBc		-65	-60
RF Input	dBm			10

## Power consumption:

- 415V 3 phase, 50-60Hz

## Mechanical specifications:

- Enclosure 19" rack, 30U (rack included)
- Weight 350 Kg
- RF input type N female
- RF output 7/16 female
- Sampling Type N female

## Environmental specifications:

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

## Available options:

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

## Remote control:

- TCP/IP
- RS485