

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

Available options:

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

Environmental specifications:

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

Remote control:

- *TCP/IP*
- *RS485*