

# MPA-9K-400M-400

9KHz - 400 MHz 400W CW

MPA-9K-400M-400 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  | 0.009 |         | 400 |
| Psat                | W    | 400   |         |     |
| P1dB                | W    |       | 200     |     |
| Gain (small signal) | dB   | 55    |         |     |
| Gain Flatness       | dB   |       | +/-2    |     |
| Variable Gain       | dB   |       | 20      |     |
| VSWR Input          |      |       | 1.5:1   | 2:1 |
| Harmonics (@ Psat)  | dBc  |       | -20     |     |
| Spur (@ Psat)       | dBc  |       |         | -65 |
| RF Input            | dBm  |       |         | 10  |

## Power consumption:

- 90-240 VAC, 50-60Hz

## Mechanical specifications:

- *Enclosure* 19" rack mount, 4U
- *Weight* 70 lb
- *RF input* type N female
- *RF output* type N female
- *Cooling* forced air

## Available options to add:

- *Integrated coupler*
- *Integrated sampling ports*
- *Input and Output on the rear*
- *Pulsed options:*
  - < 100ns Trise/Tfall
  - HV – LV TTL
- *Interlock*

## Environmental specifications:

- *Operating temp.* 0 to 50 degree Celsius
- *Storage temp.* -25 to 65 degrees Celsius
- *Humidity* 95% not condensing

## Remote control:

- *TCPIP*
- *RS485*

