



AMP-5000M/10C HIGH POWER AMPLIFIER 10 W FOR 2.4 GHz

This is a high power High efficiency microwave amplifier for 2.4 GHz made for Military applications. It requires only 10-25 mW RF power input for 10 W RF power output in 2.4 GHz band. This amplifier needs 12 V / 2.6 A with full power. Weight is 1000 grams. This is a unidirectional amplifier.

SMA or N-connector is available upon request.



| Technical Specifications | |
|---------------------------|--------------------|
| Operating Frequencies: | 2300 MHz- 2500 MHz |
| Operating class: | Linear AB |
| DC Voltage: | 12 V |
| RF power: | 10 W |
| Input power: | 10 mW, max. 65 mW |
| Minimum required voltage: | 12 V |
| Battery power: | 12.8 V - 16 V |
| Video distortion: | N/A |
| Video Format: | N/A |
| Current Consumption: | 2.6 A / 12 V |
| Antenna: | N/A |
| Antenna Connector: | SMA, N on request |
| Impedance: | 50 ohms |
| Temperature Range: | -40 +75* C |
| Dimensions: | 5" X 2.2 " X 1.6" |
| Weight: | 1000 grams |