

2.4 GHz

AMP-5000M/10 10 W POWER AMPLIFIER

This is a high power microwave amplifier for 2.4 GHz made for Military applications. It requires only 10 mW RF power input for 10 W RF power output in 2.4 GHz band. This amplifier needs 12 V / 2.5 A (Stand by mode) or 5 A max with full power. Weight is 1000 grams. This is a unidirectional amplifier.



FEATURES:

- 2300 MHz – 2500 MHz
- SMA antenna connector
- 2.1 mm power plug
- Ga-As FET technology
- Very long range
- Recommended for 2.4 GHz transmitters

Technical Specifications	AMP-5000M/10
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:	10 V
Battery power:	12 V - 14 V
Video distortion:	N/A
Video Format:	N/A
Current Consumption:	2.5 A / 12 V stand by (5 A max)
Antenna:	N/A
Antenna Connector:	BNC, N on request
Impedance:	50 ohms
Temperature Range:	-40 +75° C
Dimensions:	5" X 2.2 " X 1.6"
Weight:	300 grams



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