



AMP-7000XPC

Commercial Grade

HIGH POWER AMPLIFIER

10 W FOR 4.9 – 6.2 GHz

This is a high power microwave amplifier for 4.9 – 6.2 GHz made for Military applications. It requires only 100 mW -250 mW RF power input for 10 W RF power output in 5.6 GHz band. This amplifier needs 12 V / 2.86 A for the full output power. Weight is 300 grams. This is a unidirectional amplifier.



Technical Specifications	
Operating Frequencies:	4900 MHz- 6200 MHz
Operating class:	Linear AB
DC Voltage:	12 V
RF power:	10 W
Input power:	100 mW, max.250 mW
Minimum required voltage:	10 V
Battery power:	12 V - 14 V
Video distortion:	N/A
Video Format:	N/A
Current Consumption:	1.6 A / 12 V
Antenna:	N/A
Antenna Connector:	SMA, N on request
Impedance:	50 ohms
Temperature Range:	-40 +75* C
Dimensions:	3.25" X 2.5 " X 0.8"
Weight:	300 grams