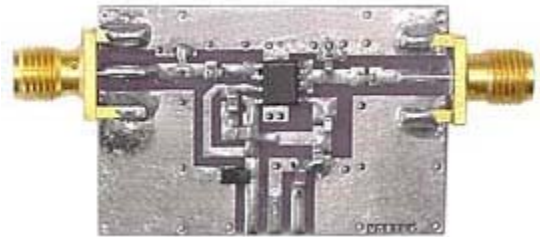




AMP10-24 SMALL 2.4 GHz RF LINEAR AMPLIFIER 1 W

This is a highest quality Military Grade amplifier for 2.3 GHz- 2.5 GHz band. This small amplifier requires 40 mW input RF Power for the maximum output power of 1000 mW. It is excellent for security applications or small airplane models. It works from 6 V- 14.4 V with a current consumption of 550 mA! This amplifier is fully tested and it comes with a laboratory certificate..



Technical Specifications	
Operating Frequency:	2300-2500 GHz
Single supply	6.5 V-14 V
Power output	1.25 W
RF input	40 mW
Gain	16 dB
Efficiency	45%
Power Down Mode	N/A
Dimensions:	1.0" x 1.5" x 0.2"
Absolute Maximum Rating	
Supply Voltage (Vcc)	-0.5 to + 7.5 V _{DC}
Power control Voltage (Vpc)	-0.5 to + 5 V V
DC power current	450 mA
Input RF power	+20 dBm
Output load VSWR	20:1
Operating Ambient temperature	-40 to + 85° C
Storage Temperature	-40 to + 1400° C