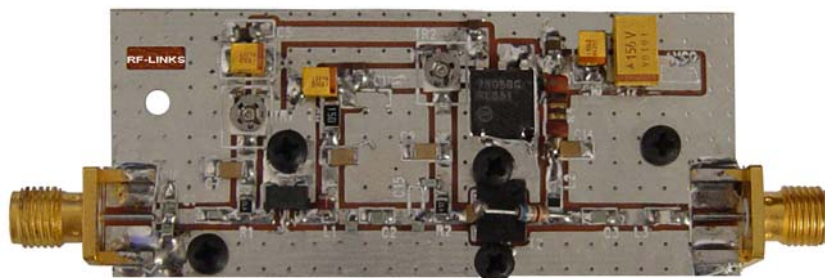


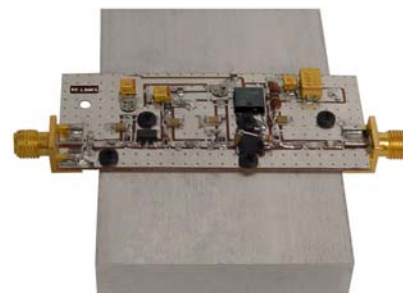


AMP200-750OB WIDEBAND LINEAR AMPLIFIER 200 MHz – 750 MHz



The new linear amplifier for UHF band is excellent design made for special applications, lab testing, digital and analog RF applications. This board requires 12 VDC / 1.6A. The minimum driving input is 25 mW; required RF input is 50 mW. Rated output RF power is 7 W. SMA connectors are not supplied with the board.

Technical Specifications	
Frequency:	200-750 MHz
Gain:	23 dBi
DC power	9-12V
Current consumption:	1.6 A max
Impedance: input-output	50 ohms
Max. input power	50 mW
VSWR:	< 1.5:1 avg.
Connectors:	SMA
Weight:	6 grams
Length:	2 inch
Operating temperature:	-40 ° C to 85 ° C
RoHS compliant:	Yes



TEST RESULTS

FREQUENCY (MHz)	POWER INPUT 1 (mW)	POWER OUTPUT 1 (W)	POWER INPUT 2 (mW)	POWER OUTPUT 3 (W)
145 MHz	25.00	3.35 W	50.00	6.50 W
200 MHz	25.00	3.25W	50.00	6.88 W
250 MHz	25.00	3.12 W	50.00	7.15W
300 MHz	25.00	4.85 W	50.00	6.29 W
400 MHz	25.00	4.25 W	50.00	7.0 W
500 MHz	25.00	4.85 W	50.00	7.89 W
600 MHz	25.00	3.5 W	50.00	6.45 W
700 MHz	25.00	3.6 W	50.00	5.35 W

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