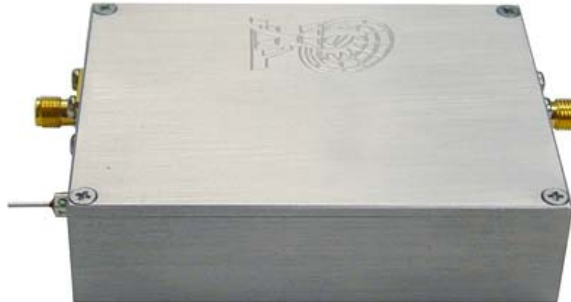


AMP-200-750BX
WIDEBAND LINEAR AMPLIFIER
200 MHz – 750 MHz

The new linear amplifier for UHF band is excellent design made for special applications, lab testing, digital and analog RF and TV applications. This board requires 12 VDC / 1.5 A. The minimum driving input is 25-50 mW. Rated output RF power is 7 W. Dimensions: 3.25 " X 2.5 " X 0.8 "

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:	160 grams
Dimensions :	3.25 inch X 2.5 inch X 0.8 inch
Operating temperature:	-40 ° C to 85 ° C
RoHS compliant:	Yes

TEST RESULTS

FREQUENCY	POWER INPUT 1 (dBm)	POWER OUTPUT 1	POWER INPUT 2 (dBm)	POWER OUTPUT 2
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