

AMP-100 PSB 2x 50 W UHF LINEAR TV AMPLIFIER FOR PUBLIC SAFETY BAND, OUTDOOR



Model AMP-100PBS is a professional TV linear amplifier in AB class with 2 X 50 W RF output power and 50 mW input power for each channel. It is recommended as a driving amplifier for high power stages or small TV stations. This linear amplifier works from 760-870 MHz and it is perfect for Analog or Digital TV broadcast applications. Gain is 26 dB. Fully mobile this amplifier has been built in an outdoor, weatherproof box. Output connectors are N female type. This amplifier has two separate inputs and 2 separate outputs; each channel has 50 W of power / 50 ohms.

Technical Specifications	
Operating Frequency	760-870 MHz
DC Voltage	12 VDC
RF output power	2 x 50W max. CW analog
Input Power	50 mW each channel
Output connectors	N female
Impedance	50 ohms 2 x
Input connectors	BNC 2x
Temperature Range	-20 + 100° C
Dimensions	3.5" x 11.0" x 7.5"
Weight	9 lb
Modulation	AM, CW, DVB-T, 8VSB
Current Consumption	7-8 A Max