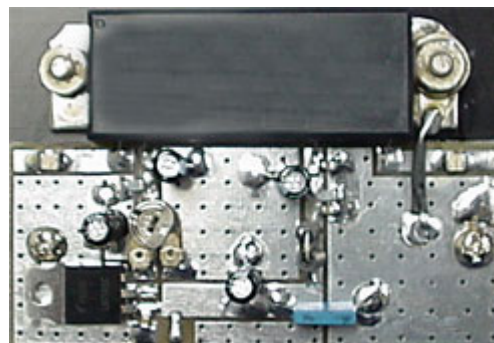




AMP-4754H TV UHF LINEAR AMPLIFIER 25 W IN A CLASS WITH ADJUSTABLE POWER OUTPUT

FOR TV CHANNELS 14-26 IN UHF RANGE NTSC

This is a high quality professional 25 W TV linear amplifier that requires minimum driving input of 15 m W for 25 W RF output power / 12.6 V DC. This TV linear amplifier works from 470 MHz -540 MHz and doesn't require any tuning or adjusting. This amplifier has built-in UHF filter. Power supply is 12 V - 14 V / 5 A. Gain is 27 dB. Input / Output 50 ohms impedance. It is excellent for low power TV stages in VHF-L band (I). The power output is adjustable from 0-25 W by potentiometer on the board. Heat sink is not included. This amplifier is excellent for TV applications in A class with maximum 25 W RF power in linear class.



Board size: 2.5" X 3".

Technical Specifications	
BATTERY POWER	12 V - 14 V
RF POWER	25 W (15 W IN A CLASS)
CURRENT CONSUMPTION	5 A
RF IN/OUT	50 ohms
INPUT POWER	5 mW- 15 mW
FREQ. RANGE:	470-540 MHz (NTSC channels 14-26)
HIGH GAIN	26 dB / 60 MHz
SIZE:	2.5" X 3"
OPERATION: WIDEBAND OPERATION	WIDEBAND
CLASS	LINEAR AB/A
POWER OUT	ADJUSTABLE

WARNING: THIS AMPLIFIER MUST BE MOUNTED ON A LARGE HEATSINK, PLEASE FIRST USE A BASE (INCLUDED BEFORE MOUNTED ON A HEATSINK. RF MODULE MUST BE WELL CONNECTED WITH TWO SCREWS TO THE ALUMINUM BASE + 2 SCREWS FOR THE PC BOARD. USE A THERMAL COMPOUND FOR THE MODULE BASE (PUT SILICON GREASE IN THE GAP OF THE MODULE). THE MODULE AND BOARD MUST BE WELL GROUNDED! RED WIRE IS POSITIVE, BLACK IS NEGATIVE. PLEASE MAKE SURE THAT YOUR POWER SUPPLY CAN HANDLE 6 A/12 V.