

**AMP-3552/7  
WIDEBAND LINEAR AMPLIFIER  
350 MHz – 520 MHz**

This is a high quality Professional VHF TV linear amplifier module broadband from 350 MHz- 520 MHz. This amplifier needs only 5-25 mW RF power for 7 W output. Power supply requires DC voltage 12 V /1.6 A. Extremely linear this amplifier has been made for small TV stations and studios. It is ideal as an exciter for high power TV stages and digital applications. Warranty one year is included. This amplifier must be installed on a heat sink (not included).

Dimensions : 3.25 " X 2.5 " X 0.8 ". MIL Grade product.

Technical Specifications	
Frequency:	350 MHz -520 MHz, 50 ohms, extended to 540 MHz
Gain:	26 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
Length:	3.25 inch X 2.5 inch X 0.8 inch
Operating temperature:	- 40 ° C to 85 ° C
RoHS compliant:	Yes

<b>FREQUENCY</b>	<b>POWER INPUT 1 (dBm)</b>	<b>POWER OUTPUT 1</b>	<b>POWER INPUT 2 (dBm)</b>	<b>POWER OUTPUT 2</b>
330 MHz	0	2.65 W	15.00	5.65W
350 MHz	0	2.85 W	15.00	5.85 W
360 MHz	0	3.85 W	15.00	6.20 W
380 MHz	0	4.90 W	15.00	7.45 W
400 MHz	0	4.95 W	15.00	7.46W
420 MHz	0	4.00 W	15.00	7.44W
450 MHz	0	4.35 W	15.00	7.50 W
500 MHz	0	4.25W	15.00	7.88 W
520 MHz	0	4.12 W	15.00	7.15W
540 MHz	0	2.85 W	15.00	4.29 W