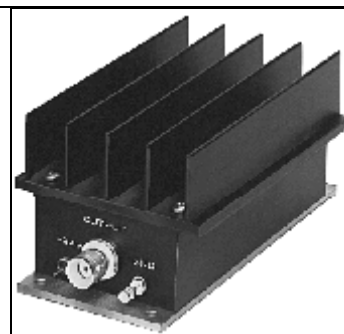


# ZH-1200 RF AMPLIFIER FOR 50-1200 MHz

This is a wideband amplifier for labs or testing purposes. It is wideband from **50 MHz- 1200 MHz**. The gain is **22 dB**. The maximum power is **+30 dBm** (1000 mW). This amplifier can be used for TV applications since the linearity is excellent. Dimensions are: **4.2" X 3.5" X 2"**.



## ZH-1200L

Frequency MHz	GAIN, dB		Maximum Power, dBm		Dynamic Range		DC Power	
	$f_L - f_U$	Min. Max. Flatness	Min.	Input (no damage)	NF dB Typ.	IP3 dBm Typ.	Current (mA)	Volt(V.)
50-1200	20	±0.80	+26	+11	3.70	46	900	12

$L_w$ =low range( $f_L$  to  $f_U/2$ )  $U$ =upper range( $f_U/2$  to  $f_U$ )

FREQ (MHz)	Gain (dB)	Directivity (dB)	VSWR		N.F. (dB)	Pout(dBm) (@1dB COMPR)
	12.0V	12.0V	IN	OUT		
50.0	22.48	10.5	1.29	1.30	3.98	29.22
155.6	22.24	11.1	1.63	1.65	3.29	29.45
261.1	22.08	11.6	1.66	1.69	3.19	30.35
366.7	22.26	11.3	1.38	1.42	3.22	30.65
472.2	22.40	11.4	1.16	1.19	3.35	30.17
577.8	22.38	11.9	1.20	1.20	3.45	29.50
683.3	21.83	13.4	1.16	1.31	3.64	29.67
788.9	22.09	13.1	1.17	1.23	3.72	28.88
894.4	22.02	13.7	1.29	1.23	3.86	28.45
1000.0	22.10	14.3	1.35	1.21	4.08	28.15
1200.0	20.10	14.3	1.35	1.21	4.08	26.15