



RF Amplifier (RF201A)

Features:

- High Gain ~30dB
- Durable water resistant enclosure
- Medium output power 23dBm
- Supply Voltage 11v to 24v, 150mA, 5mm 2.1mm power connector
- Bandwidth 2Mhz to 600Mhz useable to 1Ghz
- Remote powering from output cable
- Reverse power supply protection
- Led power indicator
- BNC connectors
- 12 Volt wall adaper power supply included
- Panel mountable

Note: Can supply with other connectors in F and SMA

Applications:

- Linear amplification
- Antenna amplification

Specifications

Parameter	Conditions	typical
Operating Voltage		11v to 24v
Power Supply Current		150 mA typical
Max Reverse Voltage		-25 volts dc
Bandwidth		2Mhz to 600Mhz
Noise	100Mhz	3.5dB
Noise	600Mhz	6.0 dB
Gain	2Mhz to 600Mhz	27dB to 33dB
Output Power	100Mhz	23 dBm
Saturated output power	100Mhz	25 dBm
Impedance		50 ohms
Height		1.60"
Length		3.10"
Width		2.10"
Mounting hole spacing		3.47"
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Mount Base width		4.10"
Mounting holes		0.19"
Height		1.60"
Power connector	5mm x 2.1mm	

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Freq(Mhz)	Gain(dB)
1	23
2	29
3	31
4	31
5	31

Freq(Mhz)	Gain(dB)
10	31
100	30.5
200	29.5
400	30.1
500	30
600	28.5
700	27.5
800	24.4
900	20.1
1000	16.5
1200	13
1500	8

Description

RF amplify in flame retardant ABS enclosure. The unit can be powered from a DC power supply from the 5x2.1mm connector or from a dc coupled tap on the output cable.

Mounting

Mounts with 2 6-32 screws or other.