

Power Amplifier

Model No : APA 100 - 500

SPECIFICATIONS:

ELECTRICAL

Frequency Range	:	20 - 100 MHz
Power Output	:	500 W (Into 50 Ohms Load)
RF Input	:	0 dBm
Gain	:	57 dB
Gain Flatness	:	±1 dB
Load VSWR	:	2.5:1
Input and Output Impedances	:	50 Ohms
Class of Operation	:	Class AB
DC Input	:	28 V
Current	:	53 A
Type of Input Signal	:	CW/AM/FM
Protections	:	Against high load mismatch, Against high temp., Against over drive.

MECHANICAL

Connector Type:	:	
Input	:	N Type Female
Output	:	N Type Female
Dimensions (l X b X h)	:	482.6 x 450 x 178 mm (19" X 17.7" X 7")
Weight	:	35 Kg (approx.) (77.16 lb)
Cooling	:	Forced Air Cooling

ENVIRONMENTAL

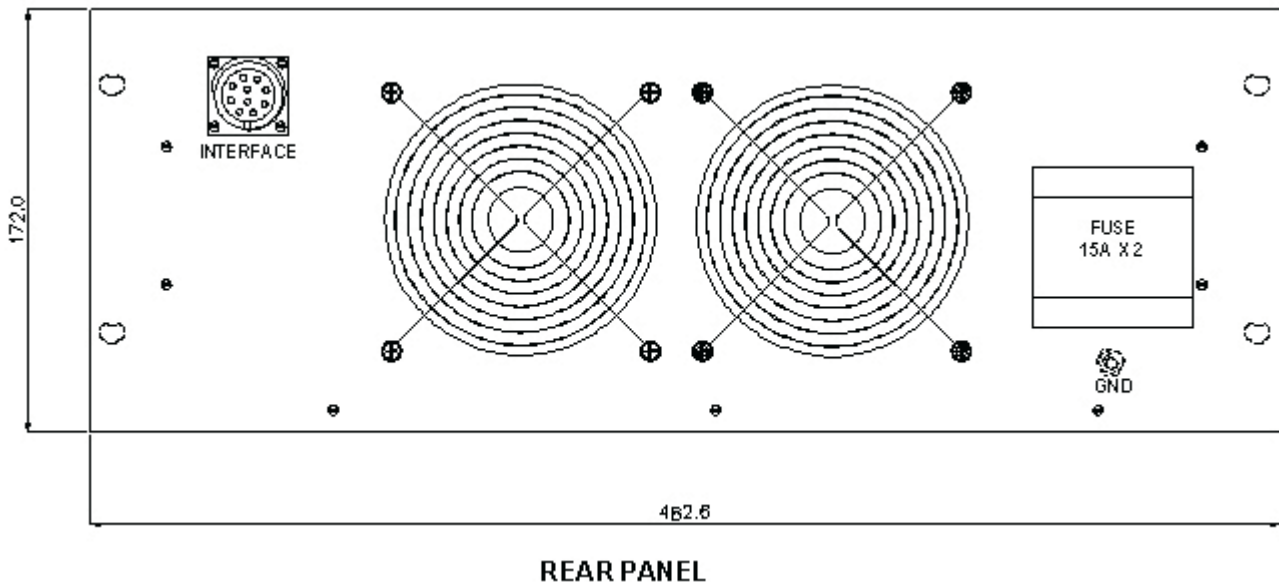
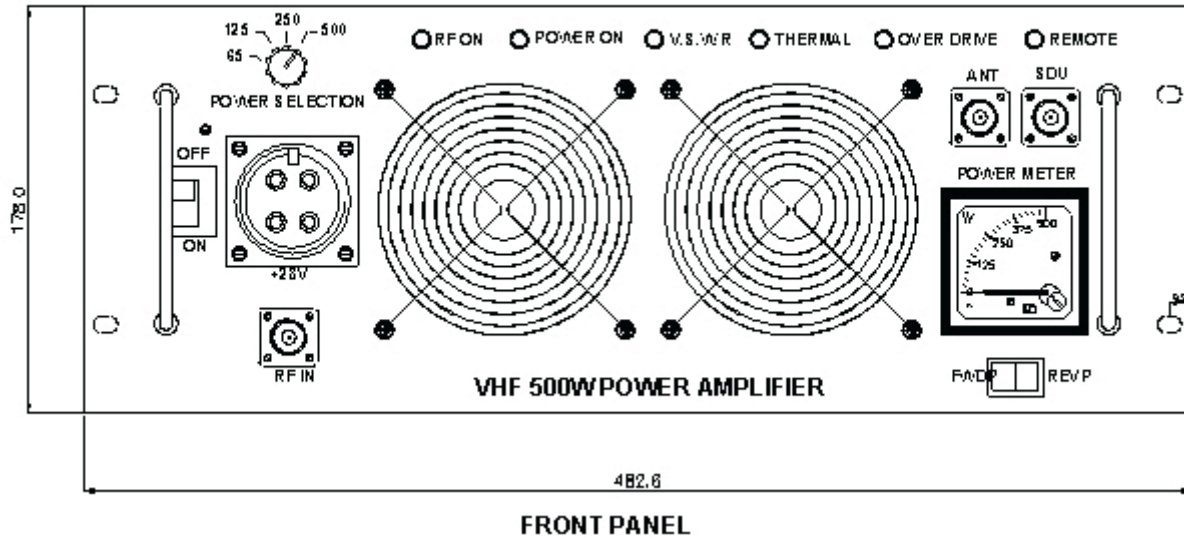
Operating Temp. Range	:	-10°C to + 55°C
Storage Temp. Range	:	-20°C to + 70°C
Humidity	:	95% RH Non Condensing

Power Amplifier

Model No : APA 100 - 500

Outline Drawing:

MODEL NO : APA 100-500



All dimensions are in millimeters