



1200W FM Ultra High Power Amplifier

- High Gain 44dB
- Applicable FM broadcasting
- Aerospace and military applications
- High Peak to average handle capability
- High Linearity and low noise figure
- All specifications can be modified upon request



1200W Ultra High Power FM Amplifier

Electrical Specifications			
Frequency Range:	80MHz~120MHz	Power Handle	1200 Watts CW
IMD	<-48dBc (Pout=600W)	Type	Class AB
Gain:	44dB	Output VSWR:	1.5 : 1
Flatness:	+/-0.8dB	Input VSWR:	1.5 : 1
Input Power	+15dBm (Max)	DC Voltage:	48V DC / 40A
Mechanical and Environmental Specifications			
Operation Temperature:	0°C to 40°C	Mechanical shock	30G, 11mSec half sin wave, 3 axis both directions
Vibration:	14.2g RMS (15-2000Hz) functional	Humidity	95% relative humidity, 65°C 96 Hour
	16.2g RMS (15-2000Hz) endurance, 1 hour per axis	MTBF	9,000 hour min
Connectors:	L16 or N	Case:	Metal case grey paint
	110V AC or 220V AC	Dimension Size (L x W x H):	13.62" X 10" X 10" 346mm X 254mm X 254mm

