



Features and Benefits

Frequency Range: 10KHz-5MHz
Gain: +55dB Typ.
Output Power (Psat): 600W
Operation Temperature: 0°C--+45°C
Size(H x W x D): 134.5 x 420 x 508 mm

Typical Applications

Wireless
Transmitter
Medical Applications
Laboratory Test
Ultrasonics

Parameter	Condition	Min.	Typical	Max.	Units
Frequency range		10KHz		5MHz	
Class of Operation		Class AB			
Rated Power		400			W
Saturated Power		600			W
Gain		55			dB
Gain Flatness		+/- 1 dB to 1 MHz +/- 2 dB to 5 MHz			
Input Power for Rated Pout		1.3 mW or 1.14 dBm			
Input Impedance / VSWR		50 Ω / VSWR, 1.5:1 Max			
Output Impedance / VSWR		50 Ω / VSWR, 2:1 Max			
Ruggedness		∞:1 VSWR			
AC Input		104 – 240 VAC 9 A @ 120 V 4.5 A @ 240 V			
Stability		Unconditional into any passive or reactive load			
Protection		Unit will withstand input signal of +13 dBm without damage (1.0 V rms) max.			
Cooling		Forced Air			
RF Input Signal		AM, FM, SSB, Pulsed			
Dimensions (H x W x D)		5.3 x 16.5 x 20 inches 134.5 x 420 x 508 mm			
Weight		54 lbs (24.4 kg)			
Connectors		BNC			
Rack Mounting		Yes			
Operation Temperature Range		0		+45	°C