

100W Coaxial Microwave Power Amplifier 20MHz~520MHz



Features

- Small signal open loop gain: 50 dB
- Output power 100W typical

Typical Applications

- Suitable for RFI, EMC • CW, and FM modulation
- Test and Measurement

Electrical Specifications, $T_A = +25^\circ C$

Parameter	Min.	Typ.	Max.	Units
Frequency Range	20		520	MHz
Open Loop Gain(ALC Open-loop)		50		dB
Gain Flatness (ALC Closed-loop)		±2.5		dB
Gain Adjustment Range (ALC Closed-loop)		15		dB
Output Power(Max) (Input odBm Closed Loop)		50		dBm
Output Third Order Intercept (IP ₃)		53		dBm
VSWR		2.0	2.5	: 1
Harmonic Wave Output Power		-15	-12	dBc
AC Voltage	100		240	V
Weight				Ounces
Impedance		50		Ohms
Input / Output Connectors				N / Female