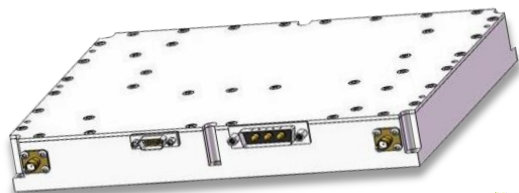


Wide Band Power Amplifier 250KHz~220MHz



Features

- Wide Band Power Amplifier •
- Small Signal Open loop Gain : 60 dB
- Output Power: 150W CW

Typical Applications

- Test and Measurement •
- Wireless Communications
- Military and Aerospace

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

Parameter	Min.	Typ.	Max.	Units	
Frequency Range	0.25		220	MHz	
Open Loop Gain (ALC Open Loop)		60		dB	
Gain Flatness (ALC Closed Loop)		±2.5		dB	
Gain Adjustment Range (ALC Closed Loop)		15		dB	
Display Power Value Error		±2.5	±3.5	dBm	
Maximum Output Power (Input to odBm closed loop)	52	53		dBm	
Output Third Order Intercept (IP ₃) @Output Power 50W		56		dBm	
Input VSWR		1.5	2	:1	
Harmonic Suppression @Pout = 120W		-15	-12	dBc	
Efficiency	50	55		%	
DC Voltage	@24V		0.7	1	A
	@48V		6	8	A
Input / Output Connectors	SMA-Female				