

7W ACPR Emission Compressed Linear Power Amplifier AC 110V/220V 0.7GH ~ 3GHz



Features

- Gain: 41dB Typical • Output power: +36dBm Typical
- 50 Ohm Matched
- AC 110V/220V powered

Typical Applications

- Wireless Infrastructure
- RF Microwave & VSAT • Military & Aerospace • Test Instrument
- Fiber Optics

Electrical Specifications, TA = +25°C

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.7		3.0	GHz
Gain	39	41		dB
Gain Flatness		±1.0	±1.5	dB
Gain Variation Over Temperature (-45 ~ +85)		±0.6	±1.0	dB
Input VSWR		1.5	2.0	:1
Output 1 dB Compression Point (P1dB)	34	36		dBm
Saturated Output Power (Psat)		38		dBm
Supply Current		700	1200	mA
Isolation S12		-60		dB
Weight		106.2		ounces
Impedance		50		Ohms
Input / Output Connectors		SMA - Female		
Finish		Black Paint		
Material		Aluminum		