

Medium Power Wide Band Driver Amplifier 0.8GHz~2.3GHz



Features

- Gain: 32 dB • Output power +31dBm typical
- Supply Voltage: +15V
- 50 Ohm Matched

Typical Applications

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

Electrical Specifications, TA = +25°C, Vcc = +15V

Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.8		2.3	GHz
Gain	29	31		dB
Gain Flatness		±0.8	±1.5	dB
Gain Variation Over Temperature (-45 ~ +85)		±1.0		dB
Input VSWR		1.6	2.0	:1
Noise Figure		3.1	4.5	dB
Output 1dB Compression Point (P1dB)	30	31		dBm
Saturated Output Power (Psat)		33		dBm
Output Third Order Intercept (IP3)		41		dBm
Isolation S12		-60		dB
Supply Current (Vcc=+15V)		500	600	mA
Weight		1.76		ounces
Impedance		50		Ohms
Input/ Output Connectors	SMA - Female			
Finish	Nickel Plated			
Material	Aluminum			
Package Sealing	Epoxy Sealing (Standard)			
	Hermetically Sealed (Optional)			