

GE RF Preamplifier 1313-A30M1G



Features

- > Noise Figure ≤ 2.5 dB
- > Unconditionally Stable at All Temperatures
- > Internally Regulated DC Voltage
- > 50 Ohm Matched Input/Output
- > Operating Temp. -40°C to $+85^{\circ}\text{C}$
- > Internally DC Block
- > 3 Year Warranty

Specifications (23° C)

All specifications are subject to change without notice.

All values are typical, unless specified.

Parameter	Min	Typ	Max	Units
Frequency Range	0.03	-	6	GHz
Noise Figure*	-	-	2.5	dB
Gain	30	-	-	dB
Gain Flatness (+/-)	-	-	± 1.5	dB
P1 Output Power	+17	-	-	dBm
Input VSWR	-	-	2.3:1	
Output VSWR	-	-	2.3:1	
Operating Temperature	-40	-	+85	$^{\circ}\text{C}$
Non-Operating Temp Range	-65	-	+150	$^{\circ}\text{C}$
RF Input Power(no-damage)	-	-	-10	dBm
Humidity (non-condensing)	-	-	95	%
Voltage	-	+12	+12.5	VDC
Current	-	140		mA
Input Impedance	50			Ohms
RF Connector	SMA - Female			
Dimensions	100 x 42 x 42			mm

Typical Data

