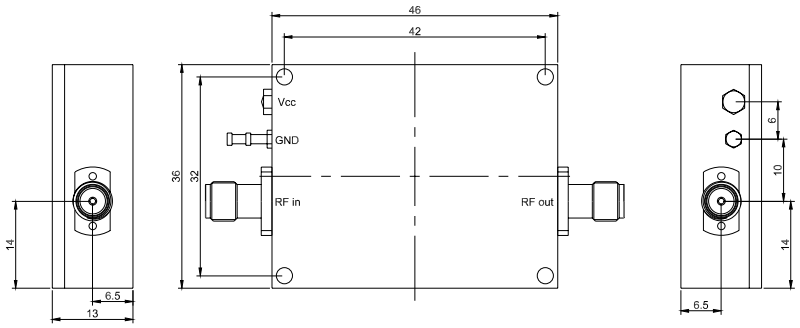
Datasheet

SMA Female Low Noise Amplifier (LNA) | 30dB Gain | 2.5dB Noise Figure | 800MHz - 18GHz

P/N: GWLNA008018-30



Dimensions are in mm



Product Configuration

Connector-In Series	SMA
Connector-In Polarity	Standard
Connector-In Gender	Female
Connector-In Impedance (Ohm)	50
Connector-Out Series	SMA
Connector-Out Polarity	Standard
Connector-Out Gender	Female
Connector-Out Impedance (Ohm)	50

Electrical Specifications

Frequency Range	800MHz to 18GHz
Return Loss or VSWR Input	1.8
Return Loss or VSWR Output	2.2
Gain, Typical (dB)	30
Gain Flatness (dB)	±2.5
P-1dB (dBm)	13
Noise Figure, Max (dB)	3.0
3rd Intercept Point (dB)	25
Voltage, DC Typ (Volts)	+12
Voltage, DC Max (Volts)	+12
Current, Max (mA)	120
Max Input Power (dBm)	5

Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

www.gwavetech.com

SMA Female Low Noise Amplifier (LNA) | 30dB Gain | 2.5dB Noise Figure | 800MHz - 18GHz

P/N: GWLNA008018-30

Mechanical Data

Min. Mating Cycles	≥500
Body Material	Brass
Body Plating	Nickel

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 ºC to +70 ºC
Storage Temperature Range	-40 ºC to +85 ºC

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