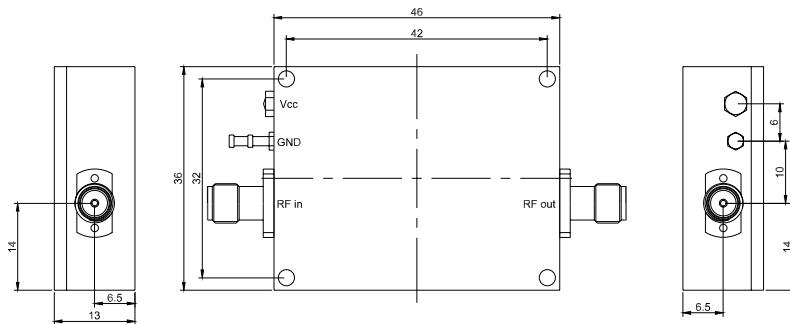


## SMA Female Low Noise Amplifier (LNA), 50dB Gain, 2.5dB Noise Figure, 800MHz - 18GHz

P/N: [GWLNA008018-50](#)



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	8GHz to 18GHz
Gain, Typical (dB)	50dB
Gain Flatness (dB)	±2.0
P-1dB (dBm)	13
Noise Figure, Max (dB)	2.0
Voltage, DC Typ (Volts)	+12
Voltage, DC Max (Volts)	+12
Current, Max (mA)	160
Max Input Power (dBm)	20

**SMA Female Low Noise Amplifier (LNA), 50dB Gain, 2.5dB Noise Figure, 800MHz - 18GHz**

**P/N: [GWLNA008018-50](#)**

## Mechanical Data

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

## Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 °C to +85 °C
Storage Temperature Range	-40 °C to +85 °C