

## Low Noise Amplifier- High Gain

### Product Description

This is High performance MMIC Amplifier features Low Noise, high gain with flatness. This unit can be used in Front-end of the Receivers and STUDESAT Applications.

### Technical Specifications

<b>Model</b>	<b>310 105 15</b>
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### Electrical Specifications

Frequency Range	435-440MHz.
Nominal Gain	40 dB $\pm$ 0.5dB
Gain Flatness	0.8dB (Peak to Peak) Typ.
Bandwidth	5MHz, Centered at 437.5MHz
Noise Figure	2.0dB Max. 1.5dB typ.
Power Supply	+9V DC, 90mA
VSWR	2.0: 1
Voltage Range	9V DC
Impedance	50 Ohms @ all RF ports
Isolation output to input	40dB
Stability	Unconditionally stable, under all load conditions
Connectors	N (F)

### Mechanical Specifications

Dimension(L x W x H)	66mm x 60mm x 25mm
Weight (Approx)	175 Grams
Finish	Yellow Chromate
Temperature Range	-20°C to +55°C

### Product Photo:

