

Wide Band LNB



RF Input

Input Frequency Range

10.7 ~ 12.75 GHz

IF Output

Output Frequency Range

290 ~ 2340 MHz

Output Connector Type

75 Ω Female Connector

Output VSWR

2.5:1 (Max.) @ Room Temperature

Local Oscillator

LO. Frequency

10.41GHz

LO. Frequency Stability

± 1 MHz (Max.) @ Room Temperature

± 3 MHz (Max.) @ -40°C ~ +60°C

LO. Frequency Phase Noise

-50dBc/Hz @ 1KHz (Max.)

-75dBc/Hz @ 10KHz (Max.)

-95dBc/Hz @ 100KHz (Max.)

Conversion Performance @Room Temperature

Conversion GAIN (dB)

55dB (Typ.)

Gain Variation (P-P)(dB)

5dB (Typ.)

Gain Flatness (across any 26 MHz)

± 0.5 dB (Typ.)

Noise Figure (dB)

1.0 dB (Typ.)

Image Rejection(dB)(Min)

40dB (Min.)

Power Requirements

DC Current Consumption:

120mA (Max.)

Operating Voltage -

10 ~ 19 Vdc

Environmental

Operating Temperature Range

-40°C ~ +60°C

Storage Temperature Range

-55°C ~ +80°C