



5601

## MAXIMUM PRO P - 1 single LNB

### PRODUCT VISUAL



### PRODUCT DESCRIPTION

L-shape single LNB

### FEATURES

- LNB for digital and analog reception
- Single LNB with 1 output
- Compatible with HD TV and DVB - S2 reception
- Premium quality with high price performance
- Low power consumption

### TECHNICAL SPECIFICATIONS

#### Input frequency range

Low band: 10.7 ~ 11.7 GHz

High band: 11.7 ~ 12.75 GHz

#### Output frequency range

Low band: 950 ~ 1950 MHz

High band: 1100 ~ 2150 MHz

#### NF Average

N.F.: 0.1

#### L.O. Frequency

Low band: 9.75 GHz

High band: 10.6 GHz

#### L.O. Frequency stability

25° C: +/- 1 MHz

-30° ~ 60° C: +/- 3 MHz

#### L.O. Phase noise

1 KHz Offset: -50 dBc/Hz

10 KHz Offset: -75 dBc/Hz

100 KHz Offset: -95 dBc/Hz

#### Band switching

Low band: 0 KHz

High band: 22 KHz +/- 4 KHz

#### Cross pol. isolation

Typ.: 25 dB

#### Conversion gain

Min.: 55 dB

Max.: 65 dB

#### Gain flatness

+/- 0.5 dB / 26 MHz

#### Image Rejection

Min.: 40 dB

#### VSWR

2.5 : 1 (Max.)

#### D.C. Current consumption

Typ.: 120 mA

#### Polarity switching voltage

Vertical: 12.0 ~ 14.0 V

Horizontal: 16.0 ~ 20.0 V

#### Operating temperature

-40° ~ 60° C