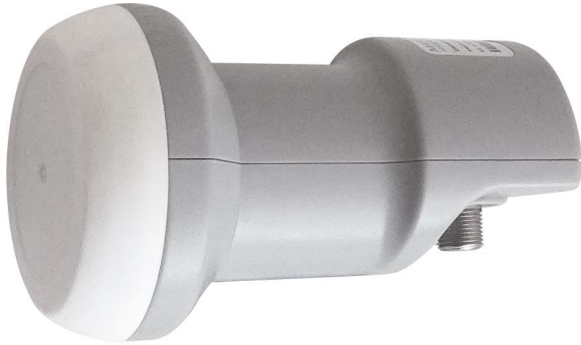


MAXIMUM XO-11 Universal Single LNB

PRODUCT VISUAL



PRODUCT DESCRIPTION

Universal Single LNB

FEATURES

- For one receiver
- Low noise
- High performance

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 continuous tone signal

Cross pol. isolation

Typ.: 25 dB

Conversion gain

Min.: 52 dB

Max.: 63 dB

Image Rejection

Min.: 40 dB

VSWR

2.5 : 1 (Max.)

D.C. Current consumption

Max.: 160 mA

Polarity switching voltage

Vertical: 12.0 ~ 14.0 V

Horizontal: 16.0 ~ 20 V

Operating temperature

-40° ~ 60° C