

## MAXIMUM LNBS

### MAXIMUM XO-18 Universal Octo LNB

#### PRODUCT VISUAL



#### PRODUCT DESCRIPTION

Universal Octo LNB

#### FEATURES

- For eight receivers
- Reception from one satellite position
- 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: +/- 2 MHz

##### L.O. Phase noise

1 KHz Offset: -55 dBc/Hz

10 KHz Offset: -80 dBc/Hz

100 KHz Offset: -105 dBc/Hz

##### Band switching

Low band: 0 KHz

High band: 22 KHz +/- 4 KHz

##### Cross pol. isolation

Typ.: 25 dB

##### Conversion gain

Max.: 63 dB

##### Gain flatness

+/- 0.5 dB / 26 MHz

##### Image Rejection

Min.: 45 dB

##### VSWR

2.0 : 1 (Max.)

##### D.C. Current consumption

Typ.: 220 mA

##### Polarity switching voltage

Vertical: 10.5 ~ 14.0 V

Horizontal: 16.0 ~ 19.0 V

##### Operating temperature

-30° ~ 60° C