

MAXIMUM XO-40 Universal Quattro LNB

PRODUCT VISUAL



PRODUCT DESCRIPTION

Universal Quattro LNB

FEATURES

- For cable TV or Multiswitches
- 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: -50 dBc/Hz

10 KHz Offset: -75 dBc/Hz

100 KHz Offset: -95 dBc/Hz

Cross pol. isolation

Typ.: 25 dB

Conversion gain

Min.: 50 dB

Max.: 60 dB

Gain flatness

+/- 0.5 dB / 26 MHz

Image Rejection

Min.: 40 dB

VSWR

2.5 : 1 (Max.)

D.C. Current consumption

Max.: 160 mA

Polarity switching voltage

Vertical: 10.5 ~ 14.0 V

Horizontal: 16.0 ~ 19.0 V

Operating temperature

-40° ~ 60° C