

## LNB AS0422



TWIN LNB

Description

## LNB TWIN DICOM ||

TECHNICAL CHARACTERISTICS:

Input frequency: Low Band: 10.70 ~ 11.70 GHz | High Band: 11.70 ~ 12.75 GHz

Output frequency: Low Band: 950 ~ 1950 MHz | High Band: 1100 ~ 2150 MHz

Local Oscillator Frequency: Low Band: 9.75 GHz | High Band: 10.60 GHz

Noise Figure: 0.7 dB (typ.)

Gain at 25°C: 58 dB (min.) / 65 dB (max.)

Gain Stability:  $\pm 0.5$  dB / 26 MHz

Cross Polarization Isolation: 25 dB (typ.)

Local Oscillator Stability:  $\pm 1.0$  MHz (max.) @ +25°C |  $\pm 2.0$  MHz (max.) @ -40°C ~ +60°C

Local noise of the oscillator: -50 dBc / Hz @ 1 kHz | -75 dBc / Hz @ 10 kHz | -95 dBc / Hz @ 100 kHz

Image Rejection: 40 dB (min.)

VSWR: 2: 1 (typ.)

Current consumption: 160 mA (max.)

Band Change: Low Band: 0 kHz | High band: 22 kHz  $\pm$  4 kHz

Voltage - polarization change: 11.5 ~ 14.0 V Vertical | 16.0 ~ 20.0 V Horizontal

Operating Temperature: -40°C ~ +60°C