

## X-300 Single Lnb



### TECHNICAL SPECIFICATIONS:

Input Frequency 10.7~11.7GHz 11.7GHz~12.75GHz

L.O.Frequency 9.75GHz; 10.6GHz

L.O.Frequency stability  $\pm 1\text{MHz}(25^{\circ}\text{C}) \pm 3\text{MHz}(-40^{\circ}\text{C to } +60^{\circ}\text{C})$

Output frequency low band: 950~1950MHz

High band: 1100~2150MHz

Noise figure 0.3dB / typical)

Conversion gain 50dB(min)

Image rejection 40dB(min)

P 1 dB gain compression 5dBm(min)

Output VSWR 2.0:1(max)

Gain flatness  $\pm 0.5\text{dBm} / 27\text{MHz}$

Output impedance 75Ohm

Output connector type F female

a  $\pm 1\text{KHz}-60\text{dBc} / \text{Hz}$

phase noise a  $\pm 10\text{KHz}-80\text{dBc}/\text{Hz}$

a  $\pm 100\text{KHz}-100\text{dBc}/\text{Hz}$

band select control high band: 22KHz low band: 0Hz

polarity select control V: 10.5~14VDC H: 15.5V~20VDC

dc Current 200mA(max)

work voltage DC 11.8~19V

### FEATURES

10.7 TO 12.75GHz wide Ku band range variety of shapes options low-band/high-band selectable by 13- 18V voltage tolerance desing for different receivers high efficient and low phase noise weather protection by rubber boot(option) low consumption