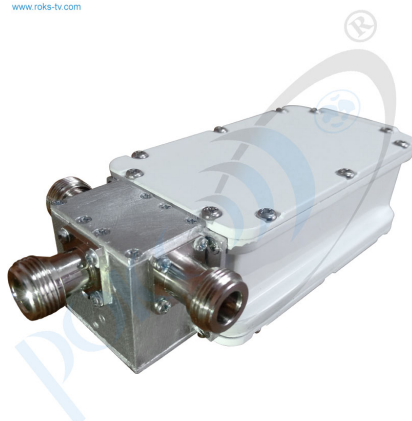




Lnb-kupxxA v1

www.roks-tv.com



Ku-band PLL LNB with AGC is professional LNB intended for using in wireless links. It has huge dynamic range for input signal - up to 50 dB, which you could not find at any other LNB. AGC range is 20 dB; option of manual level adjustment is available

Ku-band PLL LNB with AGC is professional LNB intended for using in complicated and highly important wireless links. AGC LNB can be a source of signal for repeater or studio where stability of signal is quite important. It has huge dynamic range for input signal - up to 50 dB, which you will not find at any other LNB. AGC range is 20 dB and option of manual level adjustment allows you to get exactly needed signal level at the LNB output.

KEY FEATURES:

- huge dynamic range for input signal - up to 50 dB (which you will not find at any other LNB)
- AGC range is 20 dB
- option of manual level adjustment (allows you to get exactly needed signal level at the LNB output)

| Input parameters: | |
|----------------------------|-------------------------------|
| Input Frequency range | 800-1000MHz at Ku-band |
| Input level range | - 47.44 ... - 27.44 dBm |
| Input signal nominal level | - 37.44 dBm |
| Input VSWR, max | 1.8 |
| Input interface | Waveguide WR75, Flange UBR120 |

| Local Oscillator: | |
|---|--|
| LO frequency | by order: 8.8; 9.75; 9.8; 10.0; 10.6; 10.75; 10.8; 11.3; 11.8; 12.8; 13.05 GHz |
| LO Phase noise: | |
| @10 kHz | -90 dBc/Hz |
| LO instability | ± 25 kHz |
| Output parameters: | |
| Output frequency range | 950 – 1750 MHz (or by order) |
| Output Power @P1dB | 0 dBm |
| Gain, min | 34 dB |
| Output interface | N-type female |
| Output impedance | 50 Ohm |
| Output VSWR, max | 1.8 : 1 |
| Frequency Response: | |
| Flatness over Full Band | 3 dB |
| Flatness over 27MHz Band | 0.5 dB |
| Spurious: | |
| Noise figure given to the input, no more | 5.0 dB |
| LO leakage, max | -50 dBm |
| Image rejection, min | 60 dBc |
| Power Supply: | |
| Input voltage | 15 VDC – 30 VDC, nominal 18 VDC |
| Power consumption, max | 5 W |
| Environmental: | |
| Operating temperature | -40°C to +60°C (-40°F to +140°F) |
| Storage temperature | -40°C to +80°C (-40°F to +176°F) |
| Operating humidity | 0% - 95% |
| Mechanical | |
| Dimensions (W x H x D) | 40x73x155 mm |
| Weight | 0.55 kg |