



# LNB

## KA-BAND ISO

## 9000XI

### SPECIFICATIONS

<b>Noise Figure</b>	1.5dB typ., 1.8 dB max. at room temp. @ CF
<b>L.O. Stability</b>	Phase Locked to External Reference
<b>Phase Noise (SSB) max.</b>	-72 dBc/Hz at 1 kHz -82 dBc/Hz at 10 kHz -92 dBc/Hz at 100 kHz
<b>Input VSWR</b>	1.3 : 1 max.
<b>Output VSWR</b>	1.8 : 1 max.
<b>Gain</b>	60 dB typ., 56 dB min., 64 dB max.
<b>Gain Flatness (over full band)</b>	≤ 4 dB p-p
<b>Output P1dB</b>	+ 15 dBm min.



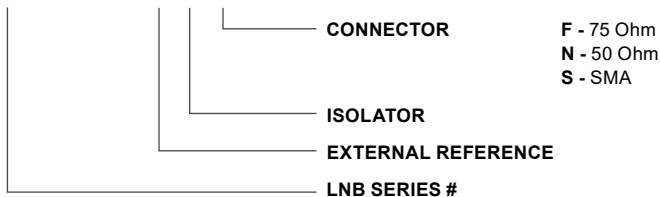
<b>DC Power</b>	+ 15V to + 24V DC
<b>Current</b>	400 mA max.
<b>Input (waterproof)</b>	WR-42 waveguide grooved
<b>Output (waterproof)</b>	F-Connector (75 Ohm) N-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	153 mm x 77 mm x 51 mm (6.1 in x 3.0 in x 2.0 in)
<b>Weight</b>	700 g (24.69 oz)
<b>Operating Temperature</b>	- 40 to + 60°C
<b>Storage Temperature</b>	- 50 to + 70°C
<b>External Ref Freq</b>	10 MHz (sine-wave), -5 to +5 dBm

### FREQUENCY BANDS

<b>Frequency Band (GHz)</b>	20.20 - 21.20
<b>L.O. Frequency (GHz)</b>	19.20
<b>IF Frequency (MHz)</b>	1000 - 2000

### HOW TO ORDER

## 9000XIN



### MECHANICAL DIAGRAM

