



# LNB

## KA-BAND DRO

### 9000L



### SPECIFICATIONS

<b>Noise Figure</b>	1.5 dB max. at room temp. @ CF	<b>DC Power</b>	+ 12V to + 24V DC
<b>L.O. Stability</b>	± 2.0 MHz max.	<b>Current</b>	200 mA max.
<b>Phase Noise (SSB) max.</b>	-60 dBc/Hz at 1KHz -75 dBc/Hz at 10KHz -95 dBc/Hz at 100KHz	<b>Input (waterproof)</b>	WR-42 waveguide grooved
<b>Input VSWR</b>	2.5 : 1 max.	<b>Output (waterproof)</b>	F-Connector (75 Ohm) N-Connector (50 Ohm)
<b>Output VSWR</b>	2.5 : 1 max.	<b>Dimensions (L x W x H)</b>	111 mm x 42 mm x 42 mm (4.37 in x 1.65 in x 1.65 in)
<b>Gain</b>	60 dB typ., 55 dB min., 65 dB max.	<b>Weight</b>	300 g (10.58 oz)
<b>Gain Flatness (over full band)</b>	≤ 5 dB p-p	<b>Operating Temperature</b>	- 30 to + 60°C
<b>Output P1dB</b>	+ 5 dBm min.	<b>Storage Temperature</b>	- 40°C to + 80°C

### FREQUENCY BANDS

	9000LA	9000LB	9000LC	9000LD
<b>Frequency Band (GHz)</b>	18.2 - 19.2	19.2 - 20.2	20.2 - 21.2	21.2 - 22.2
<b>L.O. Frequency (GHz)</b>	17.25	18.25	19.25	20.25
<b>IF Frequency (MHz)</b>	950 - 1950	950 - 1950	950 - 1950	950 - 1950

### HOW TO ORDER

## 9000LAN

<b>CONNECTOR</b>	F - 75 Ohm N - 50 Ohm
<b>FREQUENCY</b>	A: 18.2-19.2 GHz B: 19.2-20.2 GHz C: 20.2-21.2 GHz D: 21.2-22.2 GHz
<b>LNB SERIES #</b>	

### MECHANICAL DIAGRAM

