



# LNB

## KA-BAND DRO

### 9000



### TYPICAL SPECIFICATIONS

Noise figure	1.3 dB
L.O. stability (over temperature excl offset)	±1 MHz
Phase noise (SSB)	-50 dBc/Hz at 1kHz -65 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
Input VSWR	2.5 : 1
Output VSWR	2.3 : 1

Conversion gain	55 dB
Output P1dB	5 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	175 mA
Input Waveguide	WR42
Dimensions	110 (L) x 42 (W) x 42 (H) mm (4.4 x 1.7 x 1.7 in)
Weight	350g / 12.5 oz
Temperature Range	-40°C to + 60°C

### FREQUENCY BANDS AVAILABLE

Typical service	9000A	9000B	9000C	9000D*
Input frequency (GHz)	18.20 to 19.20	19.20 to 20.20	20.20 to 21.20	21.20 to 22.20
L.O. frequency (GHz)	17.25	18.25	19.25	20.25
Output frequency (MHz)	950 to 1950	950 to 1950	950 to 1950	950 to 1950

\* 9000D Special Order (minimum quantities)

### HOW TO ORDER KA-BAND 9000

#### 9000CN

- CONNECTOR.....F - 75 Ohm  
N - 50 Ohm
- FREQUENCY.....A - 18.20 - 19.20 GHz  
B - 19.20 - 20.20 GHz  
C - 20.20 - 21.20 GHz  
D\* - 21.20 - 22.20 GHz

LNB SERIES #

### MECHANICAL DIAGRAM

