

# **Innovative Communication Solutions**

# LNB KA-BAND PLL 9000H-2

#### TYPICAL SPECIFICATIONS

Noise figure 1.3 dB

L.O. stability ±40 kHz (2 ppm)

Phase noise -75 dBc/Hz at 1 kHz
(SSB) -80 dBc/Hz at 10 kHz
-100 dBc/Hz at 100 kHz

Input VSWR 2.2:1
Output VSWR 2.0:1
Gain flatness over 1000 MHz 4.0 dB p-p
Gain variation over temperature 5 dB max

@ fixed frequency (-40 to +60°C)



Conversion gain 55 dB

Output P1dB 3 dBm

Power requirements +15 to +24 V supplied through

center conductor of IF cable

Current drain 160 mA
Input Waveguide WR42

**Dimensions** 111 (L) x 42 (W) x 42 (H) mm

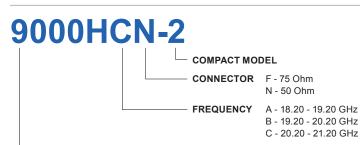
Weight 350 g

Temperature Range -40°C to +60°C

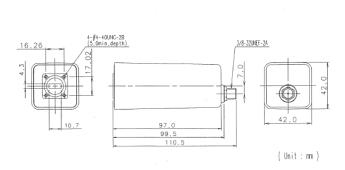
### FREQUENCY BANDS AVAILABLE

9000HB-2 Typical service 9000HA-2 9000HC-2 18 20 to 19 20 19 20 to 20 20 20.20 to 21.20 Input frequency (GHz) L.O. frequency (GHz) 17.25 18 25 19 25 950 to 1950 950 to 1950 950 to 1950 Output frequency (MHz)

#### **HOW TO ORDER**



## **MECHANICAL DIAGRAM**







Authorized Distributor: Servsat Communications, Inc.

**LNB SERIES#**