

#### **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 (SSB)	-75 dBc/Hz at 1 kHz -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 @ fixed frequency (-40 to +60°C)	5 dB max



**Conversion gain Output P1dB Power requirements** Current drain Input Waveguide Dimensions Weight **Temperature Range** 

55 dB 3 dBm +15 to +24 V supplied through center conductor of IF cable 160 mA WR42 111 (L) x 42 (W) x 42 (H) mm 350 g -40°C to +60°C

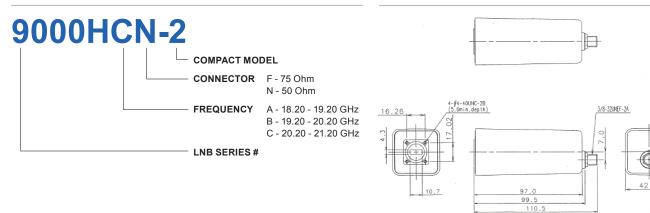
#### FREQUENCY BANDS AVAILABLE

Typical service	9000HA-2	9000HB-2
Input frequency (GHz)	18.20 to 19.20	19.20 to 20.20
L.O. frequency (GHz)	17.25	18.25
Output frequency (MHz)	950 to 1950	950 to 1950

20.20 to 21.20 19.25 950 to 1950

9000HC-2

## **HOW TO ORDER**



(Unit:mm)

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PUB000150 v.2.2



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**MECHANICAL DIAGRAM** 

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