

Innovative Communication Solutions

LNB

KA DUAL-BAND PLL 9000H-3



TYPICAL SPECIFICATIONS

Noise figure 1.6 dB max

L.O. stability ±25 KHz, ±50 KHz

Phase noise (SSB) max -60 dBc/Hz at 100Hz
-70 dBc/Hz at 10kHz
-80 dBc/Hz at 10kHz
-100 dBc/Hz at 100 kHz
-100 dBc/Hz at 1 MHz

 Input VSWR
 2.2 : 1

 Output VSWR
 2.0 : 1

 Conversion gain
 58 dB (min)

 Gain flatness over 1000 MHz
 2 dB p-p

 Output P1dB
 5 dBm

 Image rejection
 40 dBc min

DC power

 Band 1
 13 V

 Band 2
 18 V

 DC current
 350 mA

 Waveguide Flange
 WR-42

Output connector N:50 Ω , F: 75 Ω

Spurious

In band -60 dBc Out band -50 dBc

Dimensions 132.3(L) x 70(W) x 39(H) mm

Weight 500 g

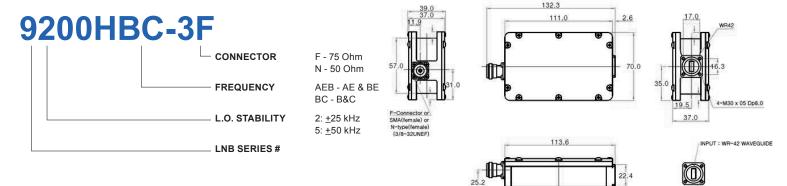
Operating Temperature -40 to + 60°C

FREQUENCY BANDS AVAILABLE

BF С Frequency band (GHz) 17.70 to 18.95 18.95 to 20.20 19.20 to 20.20 20.20 to 21.20 L.O. frequency (GHz) 16.75 18.0 0 18.25 19.25 IF frequency (MHz) 950 to 2200 950 to 2200 950 to 1950 950 to 1950

HOW TO ORDER

MECHANICAL DIAGRAM





Authorized Distributor: Servsat Communications, Inc.