



LNB

KA-BAND PLL TRIPLE-BAND 9000HT-4

TYPICAL SPECIFICATIONS

Noise Figure	1.6 dB max. (ABC); 1.8 dB max. (BCD)
L.O. Stability	±25kHz, ±50 kHz
Phase Noise	-70 dBc/Hz at 1 kHz -85 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
Conversion Gain	60 dB typ., 55 dB min, 65 dB max. @ full frequency band
Gain Flatness (Full band)	5 dBp-p max.
Output P1dB	+5 dBm min
Input/Output VSWR	+12V to +24V DC
Image Rejection	40 dBc min. @ 1st L.O. 30 dBc min. @ 2nd L.O. 0 dBc min. @ 3rd L.O.



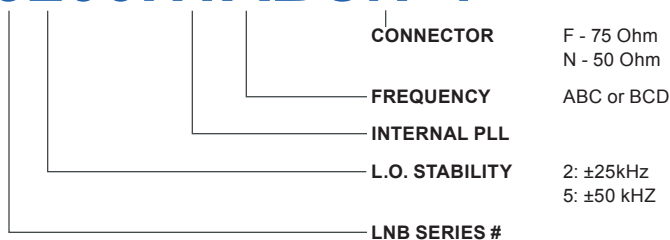
Current	400 mA
Input (waterproof)	WR-42 waveguide
Output (waterproof)	F-connector (75 ohm) N (Optional) (50 ohm)
Dimensions	120 (L) x 60 (W) x 45 (H) mm (4.7 x 2.4 x 1.8 in)
Weight	400g / 14.1 oz
Operating Temperature	-40 ~ +60°C
Storage Temperature	-40 ~ +80°C
Relative Humidity	0 ~ 95% RH

FREQUENCY BANDS AVAILABLE

Model Number	Frequency Band	Frequency Range (GHz)	L.O. Switching (GHz)
9000HTABC-4	A	18.20 to 19.20	17.25 @ 13 VDC & 22KHz off
	B	19.20 to 20.20	18.25 @ 18 VDC & 22KHz off
	C	20.20 to 21.20	19.25 @ 13 VDC & 22KHz on
9000HTBCD-4	B	19.20 to 20.20	18.25 @ 13 VDC & 22KHz off
	C	20.20 to 21.20	19.25 @ 18 VDC & 22KHz off
	D	21.20 to 22.20	20.25 @ 13 VDC & 22KHz on

HOW TO ORDER

9200HTABCN-4



MECHANICAL DIAGRAM

