



LNB

KA-BAND PLL TRIPLE BAND 9000HT



SPECIFICATIONS

Noise Figure	1.6 - 1.8 dB max. at room temp. @ CF
L.O. Stability	± 25kHz, ± 50 kHz
Phase Noise (SSB) max.	-70 dBc/Hz at 1 kHz -78 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
Input VSWR	2.5 : 1 max.
Output VSWR	2.5 : 1 max.
Gain	60 dB typ., 55 dB min, 65 dB max.
Gain Flatness (over full band)	≤ 5 dBp-p
Output P1dB	+ 5 dBm min.

DC Power	+ 12V to + 24V DC (see below for Band Select)
Tone:	Frequency 22 kHz ± 4 kHz Amplitude Voltage 0.6 ± 0.2 V Duty Cycle 50% ± 10%
Current	400 mA max.
Input (waterproof)	WR-42 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	120 mm x 60 mm x 45 mm (4.7 in x 2.4 in x 1.8 in)
Weight	400 g (14.11 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C

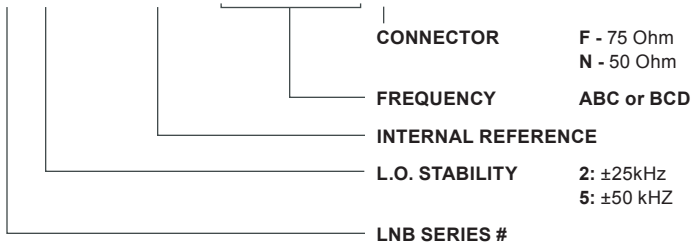
FREQUENCY BANDS

Model		Band 1 (13V)	Band 2 (13V / 22 kHz Tone)	Band 3 (18V)
ABC	Frequency Band (GHz)	18.20 - 19.20	19.20 - 20.20	20.20 - 21.20
	L.O. Frequency (GHz)	17.25	18.25	19.25
	IF frequency (MHz)	950 - 1950	950 - 1950	950 - 1950
BCD	Frequency Band (GHz)	19.20 - 20.20	20.20 - 21.20	21.20 - 22.20
	L.O. Frequency (GHz)	18.25	19.25	20.25
	IF frequency (MHz)	950 - 1950	950 - 1950	950 - 1950



HOW TO ORDER

9200HTABCN



MECHANICAL DIAGRAM

