



LNB KA DUAL-BAND PLL 9000HA/D-4



TYPICAL SPECIFICATIONS

Noise figure	1.6 dB max. (1.8 dB max. 9000HCD-4)
L.O. stability	± 25 kHz, ± 50 kHz
Phase noise (SSB) max	-70dBc at 1kHz -78dBc at 10kHz -95dBc at 100kHz
Gain	60 dB typ., 55 dB min. @ full frequency band
Output P1dB	+ 5 dBm min
DC Power	+12V to +24V DC
Current	400mA

Input (waterproof)	WR-42 waveguide
Output (waterproof)	F-connector (75 ohm) N-connector (optional) (50 ohm)
Dimensions	118mm (L) x 60mm (W) x 45mm (H)
Weight	450 g
Operating Temperature	-40 to + 60°C
Storage Temperature	-40°C to +80°C

FREQUENCY BANDS AVAILABLE

	9000HAB-4	9000HBC-4	9000HCD-4
Frequency band (GHz)	18.2-19.2; 19.2-20.2	19.2-20.2; 20.2-21.2	20.2-21.2; 21.2-22.2
L.O. frequency (GHz)	17.25 @ 13VDC 18.25 @ 18VDC	18.25 @ 13VDC 19.25 @ 18VDC	19.25 @ 13VDC 20.25 @ 18VDC
IF frequency (MHz)	950-1950	950-1950	950-1950

HOW TO ORDER

9200HABN-4

CONNECTOR	N – Optional N-connector
FREQUENCY	AB: 18.2-19.2 GHz; 19.2-20.2 GHz BC: 19.2-20.2 GHz; 20.2-21.2 GHz CD: 20.2-21.2 GHz; 21.2-22.2 GHz
LO STABILITY	2: ± 25 kHz 5: ± 50 kHz
LNB SERIES #	Version 4

MECHANICAL DIAGRAM

