



LNB

KA-BAND PLL

9000H-4

SPECIFICATIONS

Noise Figure	1.6 dB max
LO Stability	±25kHz, ±50 kHz
Phase Noise	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz
Gain	60 dB typ., 55 dB min. @ full frequency band
Output P1dB	+5 dBm min
DC Power	+12V to +24V DC



Current	400 mA
Input (waterproof)	WR-42 waveguide
Output (waterproof)	F-connector (75 ohm) N (Optional) (50 ohm)
Dimensions	118 x 60 x 45 (L x W x H)
Weight	450 g
Operating Temperature	-30 ~ +60°C
Storage Temperature	-40 ~ +80°C

FREQUENCY BANDS

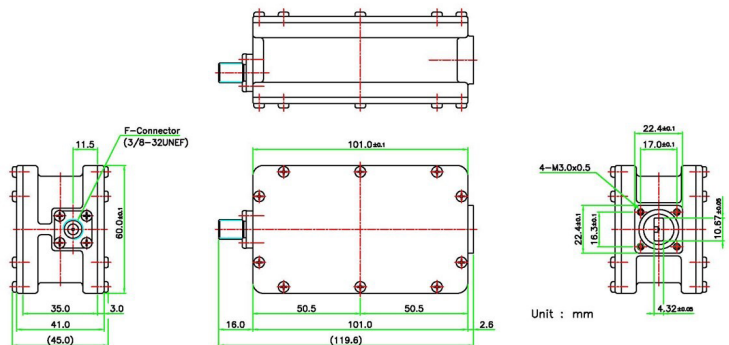
Frequency Bands	9000HA-4	9000HB-4	9000HC-4	9000HD-4	9000HE-4
Input Frequency	18.2 ~ 19.2 GHz	19.2 ~ 20.2 GHz	20.2 ~ 21.2 GHz	21.2 ~ 22.2 GHz	17.2 ~ 18.2 GHz
LO Frequency	17.25 GHz	18.25 GHz	19.25 GHz	20.25 GHz	16.25 GHz
IF Frequency	950 ~ 1950 MHz	950 ~ 1950 MHz	950 ~ 1950 MHz	950 ~ 1950 MHz	950 ~ 1950 MHz

HOW TO ORDER

9200HAN-4

CONNECTOR	N - 50 Ohm
FREQUENCY	A: 18.2-19.2 GHz B: 19.2-20.2 GHz C: 20.2-21.2 GHz D: 21.2-22.2 GHz E: 17.2-18.2 GHz
LO STABILITY	2: ±25 kHz 5: ±50 kHz
LNB SERIES #	

MECHANICAL DIAGRAM



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