



LNB

KA-BAND EXT REF

9000X-4



TYPICAL SPECIFICATIONS

Noise Figure	1.6 dB max
LO Stability	Phase Locked to External Reference
Phase Noise (Depends on External Reference)	-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
Ext Ref Frequency	10 MHz (sine-wave), -5 to +5 dBm

FREQUENCY BANDS AVAILABLE

Frequency Bands	9000XA-4	9000XB-4	9000XC-4	9000XD-4	9000XE-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

9000XAN-4



N - Optional N-Connector

- 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

Version 4

MECHANICAL DIAGRAM

