



LNB KA-BAND DUO 9000HX-O3B



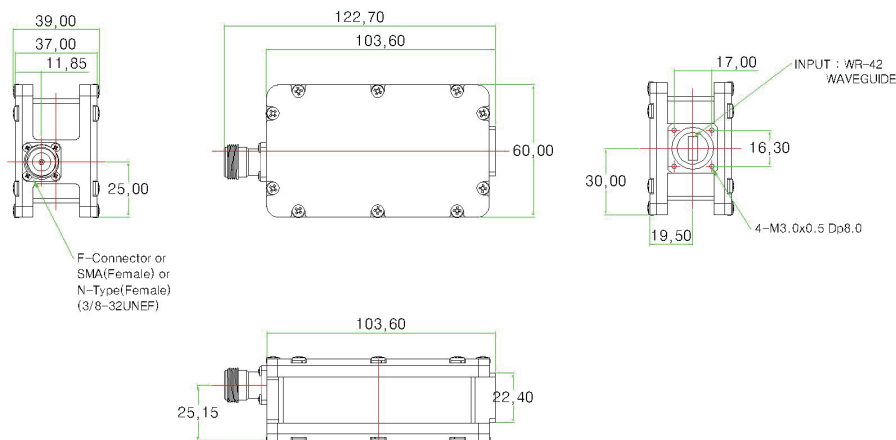
TYPICAL SPECIFICATIONS

Noise figure	1.5 dB max. @ room temp
L.O. stability	±1.5 ppm in PLL
Phase noise	-60dBc @ 100Hz -70dBc @ 1KHz -80dBc @ 10KHz
Reference phase noise	-145dBc @ 1KHz
Input return loss	10dB min
Output return loss	10dB min
Conversion gain	55dB (min), 58 dB (typ)
Gain flatness over freq	± 1.5 dB in any 216MHz
Output P1dB	+5 dBm min
IP3	+15 dBm min
Spurious	
Signal related	-60dBc max. @ 0dBm
Power supply switching related	-50dBc max. @ 0dBm
Harmonics	-50dBc max. @ 0dBm
LO leakage (Input)	-37dBm max.
Image rejection	40 dBc min.
Output impedance	50 Ω
DC power	+11 to +26V
DC current	350 mA
Input waveguide	WR42
Output connector	N (Female)
Dimensions	104(L) x 60(W) x 39(H) mm

FREQUENCY BANDS AVAILABLE

	O3B-A	O3B-B
Frequency Band (GHz)	17.852 to 18.588	18.372 to 19.300
LO Frequency (GHz)	16.8	17.4
IF Frequency (MHz)	1052 to 1788	972 to 1900

MECHANICAL DIAGRAM



Automatic switch to internal PLL when Ext. Ref. is not available.

HOW TO ORDER

9000HX-O3B-AN



CONNECTOR
F - 75 Ohm
N - 50 Ohm

FREQUENCY
A: 17.852 – 18.588 GHz
B: 18.372 – 19.300GHz

LNB SERIES #

