



## LNB KA-BAND DUO 9000HX-O3B



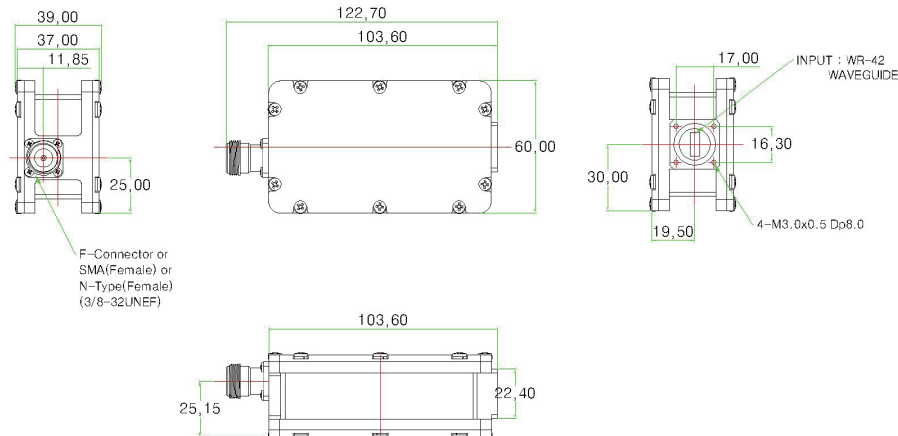
### TYPICAL SPECIFICATIONS

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 #	



Request A Quote