



# LNB QUAD-BAND EXT REF 1008XU-2



### TYPICAL SPECIFICATIONS

<b>Noise Figure</b>	0.8 dB typ	<b>Current</b>	350 mA
<b>LO Stability</b>	Phase Locked to External Reference	<b>Input (waterproof)</b>	WR-75 waveguide
<b>Phase Noise</b> (Depends on External Reference)	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz	<b>Output (waterproof)</b>	F-connector (75 ohm) N (Optional) (50 ohm)
<b>Gain</b>	60 dB typ., 55 dB min. @ full frequency band	<b>Dimensions</b>	128 x 60 x 40 (L x W x H)
<b>Output P1dB</b>	+5 dBm min	<b>Weight</b>	450 g
<b>DC Power</b>	+12V to +24V DC	<b>Operating Temperature</b>	-40 ~ +60°C
		<b>Storage Temperature</b>	-50 ~ +70°C
		<b>Ext Ref Frequency</b>	10 MHz (sine-wave), -5 to +5 dBm

### FREQUENCY BANDS AVAILABLE

Frequency Bands	Band 1	Band 2	Band 3	Band 4
<b>RF Input</b>	10.7 ~ 11.7 GHz	10.95 ~ 11.7 GHz	11.7 ~ 12.75 GHz	12.25 ~ 12.75 GHz
<b>LO Frequency</b>	9.75 GHz	10.00 GHz	10.75 GHz	11.30 GHz
<b>IF Frequency</b>	950 ~ 1950 MHz	950 ~ 1700 MHz	950 ~ 2000 MHz	950 ~ 1450 MHz
<b>DC Power</b>	13V	13V / 22KHz Tone	18V	18V / 22KHz Tone

### HOW TO ORDER

## 1008XUF-2

CONNECTOR	F - Standard N - Optional
NOISE FIGURE	0.8 dB
LNB SERIES #	Version 2

### MECHANICAL DIAGRAM

