



# LNB

## KA-BAND 5-BAND EXT. REF 9000XI5-4



### TYPICAL SPECIFICATIONS

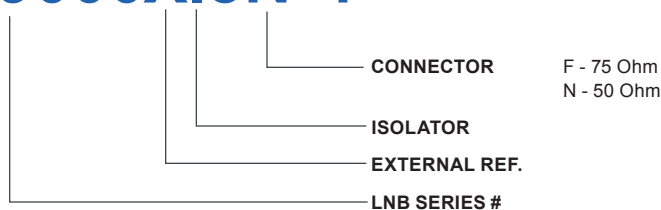
<b>Noise Figure (@ +25°C)</b>	2.7 dB max.	<b>Required Current</b>	500 mA max.
<b>Conversion Gain</b>	55 to 65 dB	<b>Input waveguide flange</b>	WR-42 grooved
<b>Gain Flatness (each band)</b>	4 dBp-p max.	<b>IF Output Connector</b>	F-connector (75 ohm) N (Optional) (50 ohm)
<b>Input VSWR</b>	1.5 : 1 max.	<b>Dimensions</b>	156 (L) x 67 (W) x 37 (H) mm (6.1 x 2.6 x 1.5 in)
<b>Output VSWR</b>	2.2 : 1 max.	<b>Weight</b>	550g / 19.4 oz
<b>Image Rejection</b>	40 dBc @ L.O. 16.25 GHz 25 dBc @ L.O. 17.25 GHz 0 dBc min. @ other L.O.s	<b>Operating Temperature</b>	-40 ~ +60°C
<b>Gain Ripple (@per Channel)</b>	+/- 1.5 dBp-p max.	<b>Storage Temperature</b>	-40 ~ +80°C
<b>1 dB Gain Compression Point</b>	+10 dBm min.	<b>Relative Humidity</b>	0 ~ 100% RH
<b>Leakage (@ Input Port)</b>	-60 dBm max.		

### FREQUENCY BANDS AVAILABLE

Model Number	Input Frequency (GHz)	L.O. (GHz)	Control Signal
Band 1	17.20 to 18.20	16.25	13V / no tone
Band 2	18.20 to 19.20	17.25	13V / 22 kHz
Band 3	19.20 to 20.20	18.25	18V / no tone
Band 4	20.20 to 21.20	19.25	18V / 22 kHz
Band 5	21.20 to 22.20	20.25	22V / no tone

### HOW TO ORDER

## 9000XI5N-4



### MECHANICAL DIAGRAM

