



LNB

KA-BAND TRIPLE BAND EXT REF 9000XT-3



SPECIFICATIONS

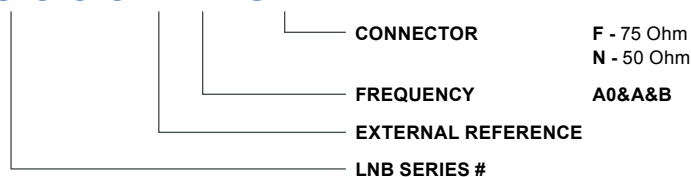
Noise Figure	1.6 dB typ., 2.0 dB max. at room temp. @ CF	DC power	
L.O. Stability	Phase Locked to External Reference	A0-band	13 V
Phase Noise (SSB) max.	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100 kHz	A-band	18 V
Input VSWR	2.5 : 1 max.	B-band	13 V + 22 KHz tone
Output VSWR	2.2 : 1 max.	Tone:	Frequency 22 kHz ± 4 kHz
Gain	65 dB typ., 58 dB min., 70 dB max.	Amplitude Voltage	0.6 ± 0.2 V
Gain flatness (over 1000 MHz)	≤ 4 dB p-p	Duty Cycle	50% ± 10%
Output P1dB	+ 5 dBm min.	Current	400 mA
		Input (waterproof)	WR-42 waveguide grooved
		Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
		Dimensions (L x W x H)	114 mm x 70 mm x 39 mm (4.5 in x 2.8 in x 1.5 in)
		Weight	550 g (19.40 oz)
		Operating Temperature	- 40 to + 60°C
		Storage Temperature	- 40 to + 80°C
		External Ref Freq	10 MHz (sine-wave), -5 to 5 dBm

FREQUENCY BANDS

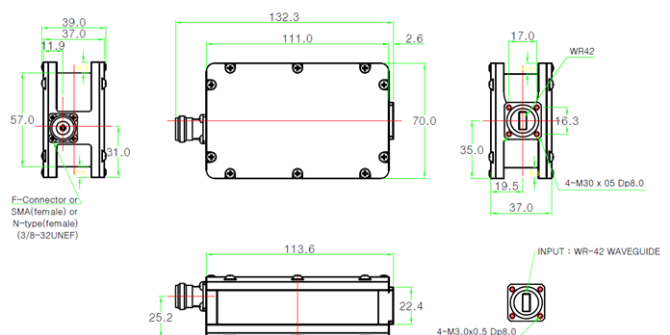
	Band A0 (13V)	Band A (18V)	Band B (13V+22KHz tone)
Frequency Band (GHz)	17.30 - 18.30	18.30 - 19.30	19.30 - 20.30
L.O. Frequency (GHz)	16.35	17.35	18.35
IF Frequency (MHz)	950 - 1950	950 - 1950	950 - 1950

HOW TO ORDER

9000XT-3F



MECHANICAL DIAGRAM



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