



LNB

KA-BAND TRIPLE BAND EXT REF 9000XT

SPECIFICATIONS

Noise Figure	1.6 dB max. (ABC); 1.8 dB max. (BCD) at room temp. @ CF
L.O. Stability	Phase Locked to External Reference
Phase Noise (SSB) max.	Depends on External Reference
Input VSWR	2.5 : 1 max.
Output VSWR	2.5 : 1 max.
Gain	60 dB typ., 55 dB min., 65 dB max.
Gain Flatness over (over full band)	≤ 5 dB p-p
Output P1dB	+ 5 dBm min.



DC Power	+ 12V to + 24V DC (See below for Band Select)
Tone:	Frequency 22 kHz ± 4 kHz
	Amplitude Voltage 0.6 ± 0.2 V
	Duty Cycle 50% ± 10%
Current	400 mA max.
Input (waterproof)	WR-42 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	120 mm x 60 mm x 45 mm (4.7 in x 2.4 in x 1.8 in)
Weight	400 g (14.11 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C
External Ref Freq	10 MHz (sine-wave), -5 to +5 dBm

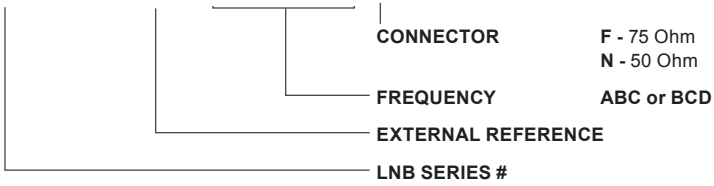
FREQUENCY BANDS

Model		Band 1 (13V)	Band 2 (13V / 22 kHz Tone)	Band 3 (18V)
ABC	Frequency Band (GHz)	18.20 - 19.20	19.20 - 20.20	20.20 - 21.20
	L.O. Frequency (GHz)	17.25	18.25	19.25
	IF frequency (MHz)	950 - 1950	950 - 1950	950 - 1950
BCD	Frequency Band (GHz)	19.20 - 20.20	20.20 - 21.20	21.20 - 22.20
	L.O. Frequency (GHz)	18.25	19.25	20.25
	IF frequency (MHz)	950 - 1950	950 - 1950	950 - 1950

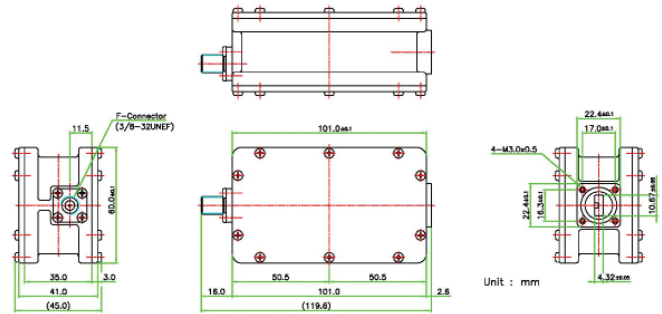


HOW TO ORDER

9000XTABCN



MECHANICAL DIAGRAM



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