



LNB

KA-BAND DRO

9000L



SPECIFICATIONS

Noise Figure	1.2dB typ., 1.5 dB max. at room temp. @ CF	DC Power	+ 12V to + 24V DC
L.O. Stability	± 2.0 MHz max.	Current	200 mA max.
Phase Noise (SSB) max.	-60 dBc/Hz at 1KHz -75 dBc/Hz at 10KHz -95 dBc/Hz at 100KHz	Input (waterproof)	WR-42 waveguide grooved
Input VSWR	2.5 : 1 max.	Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Output VSWR	2.5 : 1 max.	Dimensions (L x W x H)	111 mm x 42 mm x 42 mm (4.37 in x 1.65 in x 1.65 in)
Gain	60 dB typ., 55 dB min., 65 dB max.	Weight	300 g (10.58 oz)
Gain Flatness (over full band)	≤ 5 dB p-p	Operating Temperature	- 30 to + 60°C
Output P1dB	+ 3 dBm min.	Storage Temperature	- 40°C to + 80°C

FREQUENCY BANDS

	9000LA	9000LB	9000LC	9000LD
Frequency Band (GHz)	18.2 - 19.2	19.2 - 20.2	20.2 - 21.2	21.2 - 22.2
L.O. Frequency (GHz)	17.25	18.25	19.25	20.25
IF Frequency (MHz)	950 - 1950	950 - 1950	950 - 1950	950 - 1950

HOW TO ORDER

9000LAN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	A: 18.2-19.2 GHz B: 19.2-20.2 GHz C: 20.2-21.2 GHz D: 21.2-22.2 GHz
LNB SERIES #	

MECHANICAL DIAGRAM

