



LNB

C-BAND PLL

3000-100003



SPECIFICATIONS

Noise temperature	30°K max.	Input VSWR	2.5 : 1 max.
Conversion gain	60dB typ. (55dB min. 70dB max.)	Output VSWR	2.5 : 1 max.
Gain flatness	4 dBp-p max.	Input waveguide flange	WR-229
Gain ripple at per 27MHz	1 dBp-p max.	Output connector	F, N-Type female (option)
L.O stability	±5 KHz max.	Power supply	+12 to +24V DC
Image rejection	40 dBc min.	Required current	250 mA max.
Phase noise	-73 dBc/Hz @1KHz -83 dBc/Hz @10KHz -95 dBc/Hz @100KHz	Operating temperature	-40° to +60°C
Output P1dB	+8 dBm min.	Waterproof	IP67
		Dimension (exclude connector)	98.8 mm x 70.0 mm x 164.5 mm
		Weight	575 g

FREQUENCY BANDS

Frequency Band (GHz)	3.6 to 4.2
L.O. Frequency (GHz)	5.15
IF Frequency (MHz)	950 to 1550

MECHANICAL DIAGRAM

