

TROPOSCATTER-BAND PLL LNB

SPECIFICATIONS

Noise temperature	50K typ., 55K max.	Power Supply	+11 to +15V DC
L.O. stability @-40 to +60°C	Depends on external reference	Current	350 mA max.
Phase noise	-65 dBc/Hz at 1 KHz	Input waveguide flange	WR-187G
	-80 dBc/Hz at 10 KHz	Output connector	N-Type female
	-95 dBc/Hz at 100 KHz	Dimension (excludes connector)	98.8 x 70.0 x 164.5 mm
Input VSWR	2.5: 1 max.	Weight	575 g
Output VSWR	1.9: 1 max.	Waterproof	IP 67
Gain flatness	4 dBp-p max.	Operating Temperature	-40°C to + 60°C
Conversion gain @-40 to +60°C	55 dB typ. (50dB min. 60dB max.)	Color	NATO Green
Gain variation @over operating temp.	±2 dBp-p max.		
Output P1dB	+13 dBm min.		

FREQUENCY BAND

Frequency Band (GHz)	4.4 – 5.0
L.O. Frequency (GHz)	3.45
IF Frequency (MHz)	950 - 1550

* Contact us for detailed ordering information at sales@irttechnologies.com

** Specifications are subject to change without prior notice

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