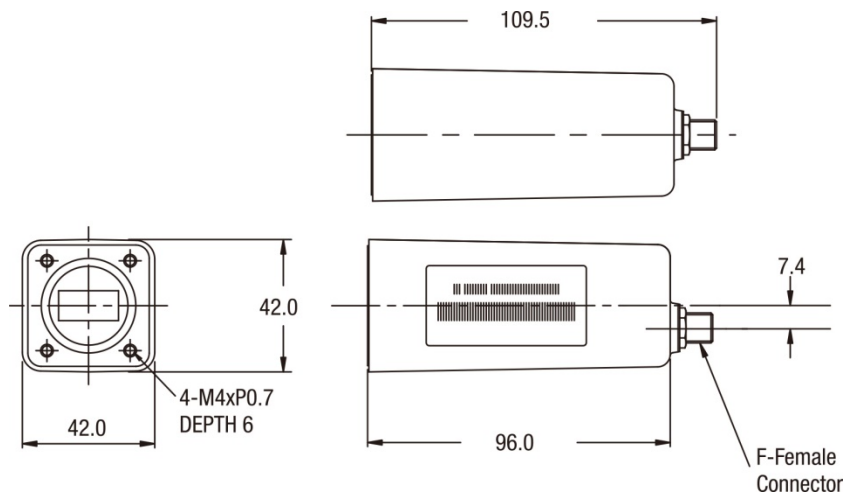


DATASHEET, LNB-15000L SERIES KU-BAND PLL



Specifications

Model	LNB-15000LA	LNB-15000LB	LNB-15000LC
Frequency (GHz)	11.70 – 12.20	12.25 – 12.75	10.95 – 11.70
L.O.frequency (GHz)	10.75	11.30	10.00
Output frequency (MHz)	950 – 1450	950 – 1450	950 – 1700
Noise figure	0.7 to 0.9 dB depending on model number		
L.O.stability (over temperature excl offset)	±50 kHz		
Phase Noise (SSB)			
1kHz	-65 dBc/Hz		
10kHz	-75 dBc/Hz		
100kHz	-85 dBc/Hz		
Input VSWR	2.0:1		
Output VSWR	2.0:1		
Conversion gain	62 dB		
Output P1dB	6 dBm		
Power requirements	+15 to +24 V supplied through center conductor of IF cable		
DC current	170 mA		
Input Waveguide	WR75		
Output Connector	N(f) 50 Ω F(f) 75 Ω		
Operating Temperature	-40 to +60°C		
Dimensions (L x W x H)	110 x 42 x 42 mm		
Weight	0.3 kg		