



LNB

C-BAND

PLL

3000

TYPICAL SPECIFICATIONS



Noise temperature maximum	15K to 35K depending on model number
L.O. stability maximum (over temperature)	± 5 kHz to ± 25 kHz depending on model number
Phase noise (SSB) maximum	-73 dBc/Hz at 1 kHz -83 dBc/Hz at 10 kHz -93 dBc/Hz at 100 kHz
Input VSWR maximum	2.2 : 1
Output VSWR maximum	2.2 : 1

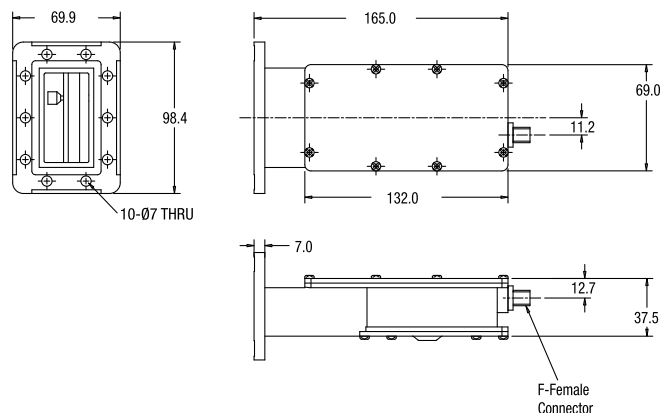
Conversion gain	55 dB min 70 dB max
Output P1dB minimum	9 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain maximum	350 mA
Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 4.0 x 2.8 in)
Weight	700 g / 25 oz

FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	3.40 to 4.20 GHz
L.O. frequency (GHz)	5.15 GHz
Output frequency (MHz)	950 to 1750 MHz

HOW TO ORDER C-BAND 3000

3120N	CONNECTOR	F - 75 Ohm N - 50 Ohm
	NOISE TEMPERATURE	15 - 15 K 20 - 20 K 25 - 25 K 30 - 30 K 35 - 35 K
	L.O. STABILITY	1 - ± 5 kHz 2 - ± 10 kHz 5 - ± 25 kHz
	LNB SERIES #	



MECHANICAL DIAGRAM

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