



LNB

C-BAND

DRO

8000



TYPICAL SPECIFICATIONS

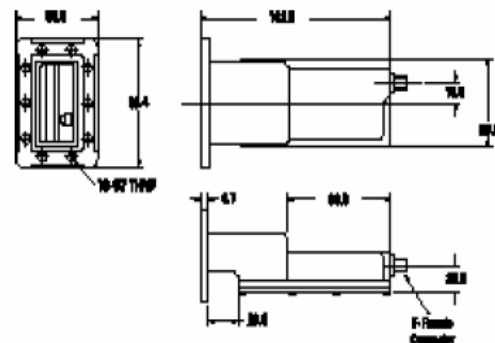
Noise temperature maximum	15K to 25K depending on model number	Conversion gain	55 dB min 70 dB max
L.O. stability maximum (over temperature)	± 100 kHz to ± 500 kHz depending on model number	Output P1dB minimum	8 dBm
Phase noise (SSB) maximum	-75 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz	Power requirements	+15 to +24 V supplied through center conductor of IF cable
Input VSWR maximum	2.0 : 1	Current drain maximum	200 mA
Output VSWR maximum	2.5 : 1	Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 4.0 x 2.8 in)
		Weight	425 g / 15 oz

FREQUENCY BANDS AVAILABLE

Typical service	8000
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 8000

8215F	CONNECTOR	F - 75 Ohm N - 50 Ohm
	NOISE TEMPERATURE	15 - 15 K 20 - 20 K 25 - 25 K
	L.O. STABILITY	1 - ± 100 kHz 2 - ± 250 kHz 5 - ± 500 kHz
	LNB SERIES #	



MECHANICAL DIAGRAM