



LNB

KU-BAND DRO

2000



TYPICAL SPECIFICATIONS

Noise figure	0.7 to 1.0 dB depending on model number
L.O. stability (over temperature excl offset)	±750 kHz to ±900 kHz depending on model number
Phase noise (SSB)	-60 dBc/Hz at 1kHz -75 dBc/Hz at 10kHz -85 dBc/Hz at 100kHz
Input VSWR	3.0 : 1
Output VSWR	2.2 : 1

Conversion gain	60 dB
Output P1dB	5dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	120 mA
Input Waveguide	WR75
Dimensions	85 (L) x 43 (W) x 43 (H) mm (3.3 x 1.7 x 1.7 in)
Weight	150g / 5.3 oz
Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

Typical service	2000A
Input frequency (GHz)	11.70 to 12.20
L.O. frequency (GHz)	10.75
Output frequency (MHz)	950 to 1450

HOW TO ORDER

2707A

FREQUENCY	A - 11.70 - 12.20 GHz B - 12.25 - 12.75 GHz
NOISE FIGURE	07 - 0.7 dB 08 - 0.8 dB 09 - 0.9 dB 10 - 1.0 dB
L.O. STABILITY	7 - ±750 kHz 9 - ±900 kHz
LNB SERIES #	

MECHANICAL DIAGRAM

