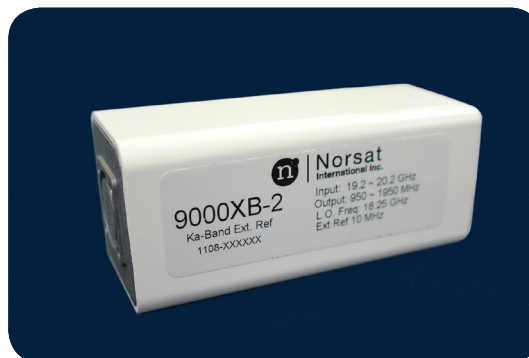




LNB

KA-BAND EXT. REF

9000X-2



TYPICAL SPECIFICATIONS

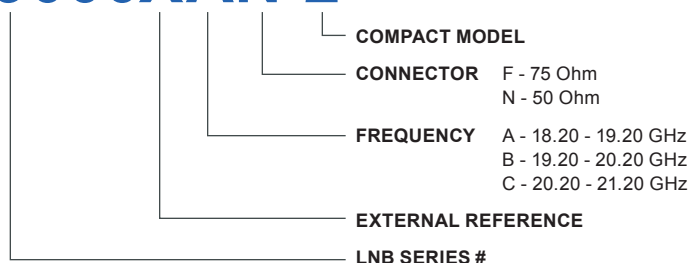
Noise figure	1.3 dB	Conversion gain	55 dB
L.O. stability	Phase Locked to External Reference	Output P1dB	3 dBm
Phase noise (SSB)	-65 dBc/Hz at 100 Hz -75 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -100 dBc/Hz at 100 kHz	Power requirements	+15 to +24 V supplied through center conductor of IF cable
Input VSWR	2.0 : 1	Current drain	160 mA
Output VSWR	2.0 : 1	Input Waveguide	WR42
Gain flatness over 1000 MHz	4.0 dB p-p	Dimensions	111 (L) x 42 (W) x 42 (H) mm
Gain variation over temperature @ fixed frequency (-40 to +60°C)	5 dB max	Weight	350 g
		Ext Ref Frequency	10 MHz (sine-wave), -10 to 0 dBm
		Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

Typical service	9000XA-2	9000XB-2	9000XC-2
Input frequency (GHz)	18.20 to 19.20	19.20 to 20.20	20.20 to 21.20
L.O. frequency (GHz)	17.25	18.25	19.25
Output frequency (MHz)	950 to 1950	950 to 1950	950 to 1950

HOW TO ORDER

9000XAN-2



MECHANICAL DIAGRAM

