

Intelligent Satellite Solutions



LNB C-BAND EXT. REF. 3000X-2



TYPICAL SPECIFICATIONS

Noise temperature 20K to 30K

depending on model number

L.O. stability Phase Locked

to External Reference

 Phase noise
 -75 dBc/Hz at 1kHz

 (SSB)
 -85 dBc/Hz at 10kHz

-95 dBc/Hz at 100kHz

 Input VSWR
 2.3 : 1

 Output VSWR
 2.0 :1

FREQUENCY BANDS AVAILABLE

Input frequency (GHz) 3.40 to 4.20

L.O. frequency (GHz) 5.15

Output frequency (MHz) 950 to 1750

 Conversion gain
 62 dB

 Output P1dB
 5 dBm

Power requirements +12 to +24 V supplied through

center conductor of IF cable

Current drain 300 mA
Input Waveguide CPR229G

 $\textbf{Dimensions} \hspace{1.5cm} 144 \hspace{.08cm} \text{(L)} \hspace{.08cm} \text{x} \hspace{.08cm} 70 \hspace{.08cm} \text{(W)} \hspace{.08cm} \text{x} \hspace{.08cm} 98 \hspace{.08cm} \text{(H)} \hspace{.08cm} \text{mm}$

(5.7 x 2.8 x 3.9 in)

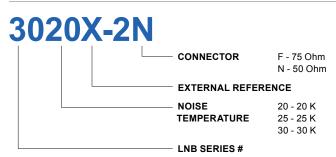
Weight 580 g / 18 oz

Ext. Ref. Frequency 10 MHz (sine-wave)

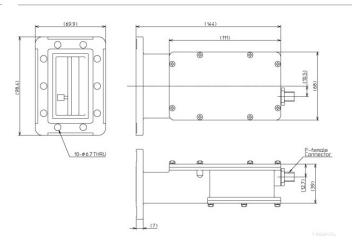
-10 to 0 dBm

Temperature Range -40°C to +60°C

HOW TO ORDER



MECHANICAL DIAGRAM





Americas

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