



3020XN

3000X C-Band Single Band PLL LNB

Noise Figure: 20 K

Output Connector: N: 50 Ohm



KEY SPECIFICATIONS

Band	C-Band
External Ref Freq	10 MHz (sine-wave), - 10 to 0 dBm
Input Frequency Band 1	3.40 - 4.20 GHz
LO Frequency 1	5.15 GHz
LO Stability	Ext Ref
LO Type	EXT
Noise Figure Max	25K
Noise Figure Typ	20K
Number Of Onboard Los	Single-Band
Output Frequency Band 1	950 - 1750 MHz

RF SPECIFICATIONS

Conversion Gain Max	70 dB
Conversion Gain Min	55 dB
Conversion Gain Typ	65 dB
Gain Flatness (over Full Band)	≤ 6 dB p-p max.
Input VSWR	2.2 : 1 max.
Output P1db	+ 9 dBm min.
Output VSWR	2.2 : 1 max.
Phase Noise 1khz Offset Max	Depends on External Reference
Phase Noise 10khz Offset Max	Depends on External Reference
Phase Noise 100khz Offset Max	Depends on External Reference

ELECTRICAL SPECIFICATIONS

Current Consumption	250 mA max.
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS



Innovative Communication Solutions

IF Connector

N-Connector

RF Input Connector

CPR 229G waveguide grooved

M and C SPECIFICATIONS

Led Indicators

None

ENVIRONMENTAL SPECIFICATIONS

IP Rating

IP 66

Temperature Operational

-40°C to +60°C

Temperature Storage

-50 to +70°C

PHYSICAL SPECIFICATIONS

Product Height

72 mm

Product Length

160 mm

Product Weight

0.5 kg

Product Width

100 mm

LOGISTICS SPECIFICATIONS

HS Code

Country of Origin

Ex Works

ECCN Number

Unit Package

8517690000

Made in Canada

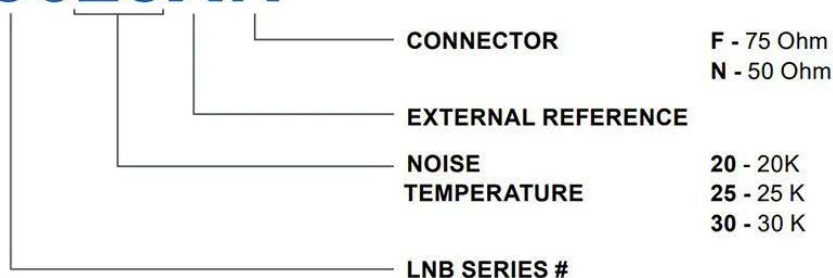
Richmond, BC, Canada

EAR99

190 x 115 x 80 mm |
0.68 kg

HOW TO ORDER

3025XN

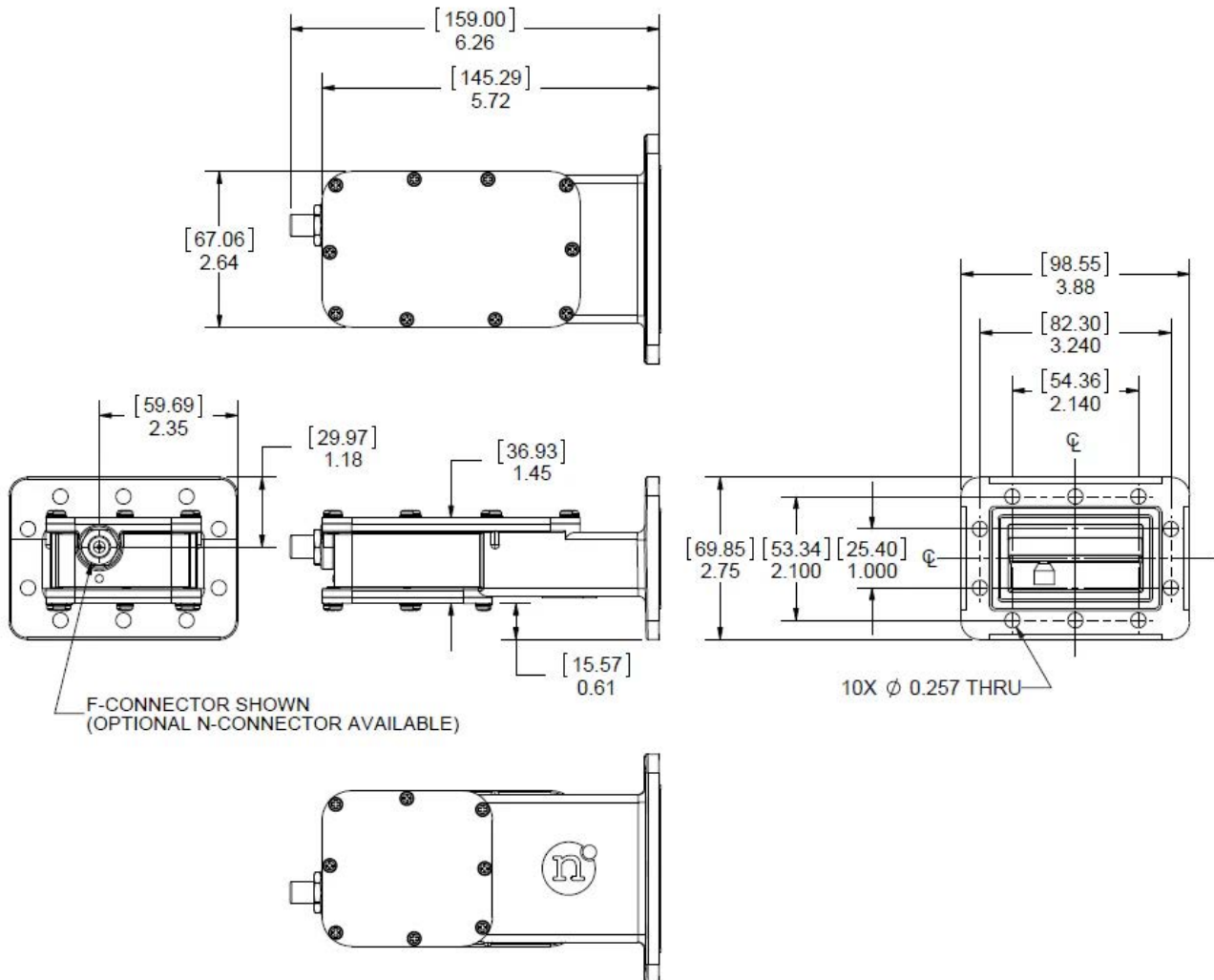


MECHANICAL DIAGRAMS



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