

1008XGN-2

1000 Ku-Band Single Band EXT REF LNB

Frequency: G: 12.20 - 12.70 GHz

Output Connector: N: 50 Ohm



KEY SPECIFICATIONS

Band	Ku-Band
External Ref Freq	10 MHz (sine-wave), - 5 to +5 dBm
Input Frequency Band 1	12.20 - 12.70 GHz
LO Frequency 1	11.25 GHz
LO Stability	Ext Ref
LO Type	EXT
Noise Figure Max	1.0 dB
Noise Figure Typ	0.8 dB
Number Of Onboard Los	Single-Band
Output Frequency Band 1	950 - 1450 MHz

RF SPECIFICATIONS

Conversion Gain Max	65 dB
Conversion Gain Min	55 dB
Conversion Gain Typ	60 dB
Input VSWR	2.5 : 1 max.
Output P1db	+ 5 dBm min.
Output VSWR	2.0 : 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
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS



IF Connector

N-Connector

RF Input Connector

WR-75 waveguide grooved

M and C SPECIFICATIONS

Led Indicators

None

ENVIRONMENTAL SPECIFICATIONS

Humidity

0 - 95%

IP Rating

IP 67

Temperature Operational

-40 to +60°C

Temperature Storage

-40 to +80°C

PHYSICAL SPECIFICATIONS

Product Height

40 mm

Product Length

128 mm

Product Weight

0.4 kg

Product Width

60 mm

LOGISTICS SPECIFICATIONS

HS Code

Country of Origin

Ex Works

ECCN Number

Unit Package

8517690000

Made in the Republic of
Korea

Richmond, BC, Canada

EAR99

145 x 95 x 65 mm |

HOW TO ORDER

1008XDN-2

CONNECTOR

N - 50 Ohm (Optional)

FREQUENCY

D: 10.70-11.80 GHz

F: 11.70 - 12.75 GHz

G: 12.20 - 12.70 GHz

NOISE FIGURE

08: 0.8 dB

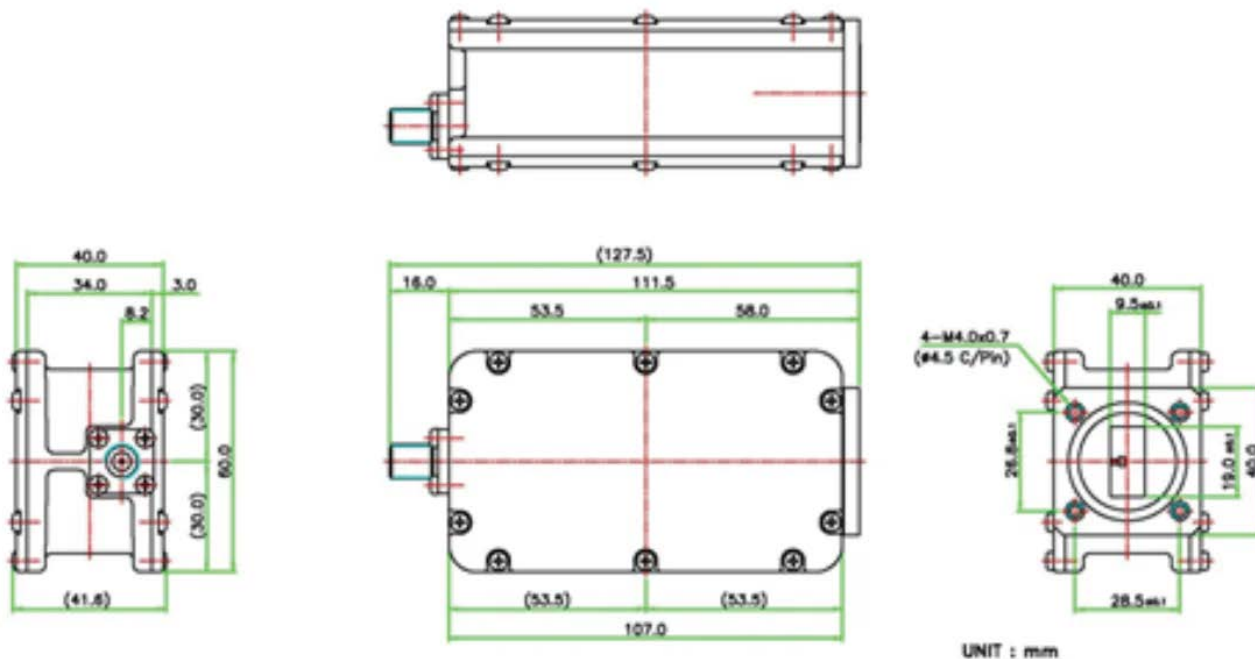
LNB SERIES #

MECHANICAL DIAGRAMS



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