

LNAKU00SP

Single-Band Ku-Band LNA

Band: 10.7 - 12.75 GHz **Output Connector:** SMA

Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

Band Ku-Band

Input Frequency Band 1 10.70 - 12.75 GHz

Noise Figure 0.8 dB
Required Current 250 mA

RF SPECIFICATIONS

Conversion Gain 50 dB min., 55 dB typ., 60 dB max.

 Gain Flatness
 4 dB p-p

 Gain Ripple (At Per 36 M Hz)
 1 dB p-p

 Input V S W R
 2.0 : 1

 Output P1D B
 + 5 dBm

 Output V S W R
 2.0 : 1

ELECTRICAL SPECIFICATIONS

 Power Connector
 MS3112E10-6P

 Power Supply
 12-24 VDC

INTERFACE SPECIFICATIONS

Input W/ G Flange WR 75

ENVIRONMENTAL SPECIFICATIONS



Innovative Communication Solutions

Temperature Operational -40 to +60°C

Waterproofing IP 67 Weight 450 g

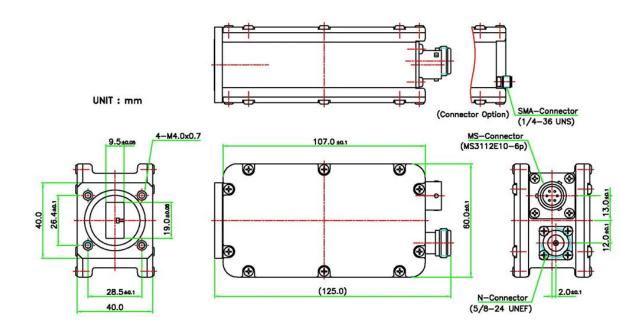
PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H) 60.0 x 41.6 x 111.5 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	145 x 95 x 65 mm 475 g

MECHANICAL DIAGRAMS





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