



LNAKU10SC

Single-Band Ku-Band LNA

Band: 10.7 - 11.7 GHz

Output Connector: SMA

Power Connector: Output connector



KEY SPECIFICATIONS

Band	Ku-Band
Input Frequency Band 1	10.70 - 11.70 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	Output connector
Power Supply	12-24 VDC

INTERFACE SPECIFICATIONS

Input W/ G Flange	WR 75
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ENVIRONMENTAL SPECIFICATIONS





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
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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

