

# Low Noise Amplifier DM-LNKA-60-101

## Electrical Specifications (+25°C)

PARAMETER	UNITS
Frequency	24 to 30 GHz
Small Signal Gain	58 dB min
Flatness	±1.5dB max
Noise Figure	3.0dB max
P1dB	+8 dBm min
IP3	+18 dBm nom
VSWR (input/output)	2.0:1 nom
DC Power	+12 VDC, 200 mA nom
Max Input Power	+10 dBm CW

## Mechanical Specifications

PARAMETER	UNITS
Size (L x W x H)	0.98" x 1.04" x 0.35"
Connectors (In/Out)	K type (f)
Housing Material	Aluminum
Sealing	Epoxy
Cooling	External heatsink (not included)
Outline	001-0005

## Features

Internal Voltage Regulator

## Environmental Specifications (by design)

PARAMETER	UNITS
Operating Temperature	-20 to +85°C
Storage Temperature	-20 to +80°C

## Classification

ECCN: EAR99

## Test Data

Gain, Flatness, Noise Figure, P1dB, VSWR, DC Power at +25°C