



Part Number DM-LNMB-26-101

Low Noise Amplifier

Rev A
09/16/16

Electrical Specifications (+25°C):

Frequency	6.0 to 18 GHz
Small Signal Gain	26-30 dB min-max
Flatness	±1.5 dB max
Noise Figure	3.0 dB max
P1dB	+25 dBm min
VSWR (input/output)	2.0:1 nom
DC Power	+12 to +15 VDC, 500 mA nom
Max Input Power	+13 dBm

Features:

Internal Voltage Regulator

Mechanical Specifications:

Size (L x W x H) inches	1.54 x 0.74 x 0.365
Connectors (In/Out)	SMA female
Sealing	Hermetic
Cooling	External heatsink (not included)
Outline	001-0076

Environmental Specifications (by design):

Operating Temperature	-20 to +85°C
Storage Temperature	-55 to +85°C
Relative humidity	IAW MIL-STD-810F, up to 95%
Altitude	up to 30,000 ft.
Shock	IAW MIL-STD-202G method 214, condition C

Test Data:

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

Classification:

ECCN EAR99



Delta Microwave

300 Del Norte Blvd. Phone: 805.751.1100 email: sales@deltamicrowave.com
Oxnard, CA. 93030 Fax: 805.240.9544 www.deltamicrowave.com

Delta Microwave's Quality Management System has been assessed by NSF-ISR and found to be in conformance with AS9100:2009, Rev. C. Delta Microwave reserves the right to change specifications without notice. Please verify specification revision upon order placement.