



Part Number DM-LNK-40-101

Low Noise Amplifier

Rev A
09/16/16

Electrical Specifications (+25°C):

Frequency	19.2 to 21.2 GHz
Small Signal Gain	40 dB min
Flatness	±1.5 dB max
Noise Figure	1.4 dB max
P1dB	+15 dBm min
IP3	+25 dBm nom
VSWR (input/output)	2.0:1 nom
DC Power	+12 to +15 VDC, 190 mA nom
Max Input Power	+13 dBm CW

Features:

Internal Voltage Regulator
Temperature Compensation

Mechanical Specifications:

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

Environmental Specifications (by design):

Operating Temperature	-20 to +85C
Storage Temperature	-54 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



Registered to AS9100 (with ISO 9001)

Delta Microwave

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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.