

Low Noise Amplifier

DM-LNC-30-101



Specifications are subject to change without notice

Electrical Specifications (+25°C)

Parameter	Value
Frequency	4.4 to 6.0 GHz
Small Signal Gain	28 dB min
Flatness	±1.0 dB max
Noise Figure	1.0 dB max
P1dB	+10 dBm min
IP3	+18 dBm nom
VSWR (input/output)	2.0:1 max
DC Power	+12 to +15 VDC, 100 mA nom
Max Input Power	+15 dBm CW (over temp)

Mechanical Specifications

Parameter	Value
Size (L x W x H)	0.86" x 0.70" x 0.29"
Connectors (In/Out)	SMA female
Housing Material	Aluminum
Sealing	Hermetic
Cooling	External heatsink (not included)

Features

Internal Voltage Regulator
Reverse Voltage Protection

Environmental Specifications (by design)

Parameter	Value
Operating Temperature	-40 to +85°C
Storage Temperature	-54 to +85°C
Altitude	up to 30,000 ft
Vibration	12 Grms 20 – 2000 Hz (operating) 16 Grms, 20 – 2000 Hz (non-operating)
Shock	20 g terminal peak saw tooth, 11 milliseconds

Need More Help? Need a Variant of This Product?

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