

Low Noise Amplifier DM-LNMB-28-102

Electrical Specifications (+25°C)

PARAMETER	UNITS
Frequency	1.0 to 12 GHz
Small Signal Gain	28 min
Flatness	±2.0 dB max
Noise Figure	2.0 dB max
P1dB	+15 dBm min
VSWR (input/output)	2.0:1 nom
DC Power	+12 to +15 VDC, 120 mA nom

Mechanical Specifications

PARAMETER	UNITS
Size (L x W x H)	1.0" x 1.75" x 0.41"
Connectors (In/Out)	SMA female
Sealing	Epoxy
Cooling	External heatsink (not included)
Outline	001-0052

Features

Internal Voltage Regulator
Reverse Voltage Protection

Environmental Specifications (by design)

PARAMETER	UNITS
Operating Temperature	-20 to +70C
Storage Temperature	-55 to +85°C

Classification

ECCN: EAR99

Test Data

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