

Low Noise Amplifier DM-LNMB-28-103

Electrical Specifications (+25°C)

PARAMETER	UNITS
Frequency	2.0 to 18 GHz
Small Signal Gain	28 dB min
Flatness	±2 dB max
Noise Figure	3.5 dB max
P1dB	+14 dBm min
IP3	+24 dBm nom
VSWR (input/output)	2.0:1 nom
DC Power	+12 to +15 VDC, 150 mA nom

Mechanical Specifications

PARAMETER	UNITS
Size (L x W x H)	0.99"8 x 0.75" x 0.365"
Connectors (In/Out)	SMA female
Housing Material	Aluminum
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 +70°C
Storage Temperature	-20 to +80°C

Classification

ECCN: EAR99

Test Data

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