

Low Noise Amplifier

DM-LNK-30-101



Specifications are subject to change without notice

Electrical Specifications (+25°C)

Parameter	Value
Frequency	18 to 26.5 GHz
Small Signal Gain	28 min
Flatness	±2.0 dB max
Noise Figure	3.5 dB max
P1dB	+8 dBm min
Input VSWR	2.0:1 nom
Output VSWR	2.0:1 nom
DC Power	+12 to +15 VDC, 140 mA nom
Max Input Power	+5 dBm CW

Environmental Specifications (by design)

Parameter	Value
Operating Temperature	-20 to +75C
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

Mechanical Specifications

Parameter	Value
Size (L x W x H)	0.998" x 0.75" x 0.365"
Connectors (In/Out)	K female
Sealing	Epoxy
Cooling	External heatsink (not included)

Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at rf.microwave@rcy.com or visit www.mrcy.com/rf for a detailed listing of RF and Microwave products.



Corporate Headquarters • 50 Minuteman Road • Andover, MA 01810 USA • (978) 967-1401 • (866) 627-6951 • Fax (978) 256-3599 • www.mrcy.com

6685.00E-0718-SS-DM-LNK-30-101-amp