

LT-RF3G100WNM

100W RF Termination Load for Wideband Solutions

The LT-RF3G100WNM is a 100-watt RF termination load designed for high-performance applications in wireless communication systems. It operates across a wide frequency range from DC to 3 GHz, making it ideal for 2G, 3G, 4G, and LTE networks. The load features a low VSWR, ensuring minimal signal reflection and efficient power dissipation. It is designed for indoor use and can be easily installed in various projects, particularly for in-building solutions.

Features:

- *Wide Frequency Band:* Operates from DC to 3 GHz.
- *High Power Handling:* Capable of handling up to 350 watts of average power.
- *Low VSWR:* Ensures efficient power transfer with a VSWR of ≤ 1.20 .
- *Robust Design:* Designed to function in extreme conditions, from -35°C to $+65^{\circ}\text{C}$.
- *N-Male Connector:* Equipped with a durable N-Male connector for easy integration.
- *Durable Design:* Built to withstand tough environmental conditions and long-term use.



Applications:

- *Wireless Communication Systems*
- *In-building Communication Solutions*
- *Laboratory Testing and Measurement*
- *Network Deployment and Maintenance*

Specifications:

Parameter	Value
Model Number	LT-RF3G100WNM
Frequency Range	DC - 3 GHz
Power handling	100W
VSWR	≤ 1.20
Impedance	50 Ohms
Connector Type	N-Male
Color	Black
Operating Temperature	-35°C to $+65^{\circ}\text{C}$
Applications	In-building Solutions, Wireless Communication (2G/3G/4G/LTE)

