

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.

Key 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 NMale connector for easy integration.
- Durable Design: Built to withstand tough environmental conditions and long-term use.

Key Highlights

- Wide frequency range: DC–3 GHz
- High power handling: 100 W rated (up to ~350 W peak)
- Low VSWR: ≤ 1.20 for minimal signal reflection
- Standard 50 Ω impedance
- Operating temperature: -35°C to $+65^{\circ}\text{C}$
- Rugged N-Male connector design
- Durable, black finish for 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)

