

LT-RF3G10WNM

10W RF Load with Wide Frequency Range and Low VSWR

The LT-RF3G10WNM is a high-quality RF load designed to handle up to 10 watts of power. Covering a wide frequency range from 0 to 3 GHz, this RF load offers low VSWR and is ideal for use in various in-building solutions and wireless communication systems including 2G, 3G, 4G, and LTE networks.

Key Features

- Wide Frequency Band: Operates from 0 to 3 GHz.
- High Power Handling: Capable of handling up to 10 watts of average power.
- Low VSWR: Ensures efficient power transfer with a VSWR of ≤ 1.20 .
- Robust Design: Built to withstand a wide range of environmental conditions with a temperature tolerance from -30°C to $+65^{\circ}\text{C}$.
- N-Male Connector: Equipped with a durable NMale connector for easy integration.
- Compact and Lightweight: Ideal for installation in confined spaces without compromising performance.

Key Highlights

- Supports round and elliptical cable profiles
- Stackable for multi-cable setups
- Vibration-resistant for high-wind areas
- Maintains proper cable bend radius
- Lightweight and easy to handle
- Weatherproof and fire-retardant materials
- Compliant with telecom industry standards

Applications

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



Specifications

Parameter	Value
Model Number	LT-RF3G10WNM
Frequency Range	0 - 3 GHz
Average Power	10 Watts
VSWR	≤ 1.20
Impedance	50 Ohms
Connector Type	N-Male
Color	Black
Operating Temperature	-30°C to $+65^{\circ}\text{C}$
Applications	In-building Solutions, Wireless Communication (2G/3G/4G/LTE)

Mechanical Drawing

