

# WB-2400M

Rugged High Gain Vehicle Antenna 2100-2500 MHz - P/N 1000-2310-201



## PRODUCT DESCRIPTION

Model Number: WB-2400M  
Part Number: 1000-2310-201

The WB-2400M is a ruggedized high-gain vehicle antenna with shock-absorbing spring, designed for communication and jamming applications in the UMTS and WLAN frequency bands.

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## ELECTRICAL SPECIFICATIONS

Frequency Range: 2100-2500 MHz  
VSWR: 2.5:1 max  
Gain: 3-8 dBi  
Nominal Impedence: 50  $\Omega$   
Matching: Passive  
Polarization: Nominally vertical  
Antenna Type: Wideband dipole array  
Pattern: Omnidirectional  
Power Rating: 50 W (RMS)

## MECHANICAL SPECIFICATIONS

Connector: Type "N" Female  
Mounting: 4 hole US and 3/6 hole NATO pattern  
Height: 620 mm  
Standard Color: Black  
Weight: 2.0 kg  
Radiator: Fiberglass radome with polyurethane coating

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## ENVIRONMENTAL SPECIFICATIONS

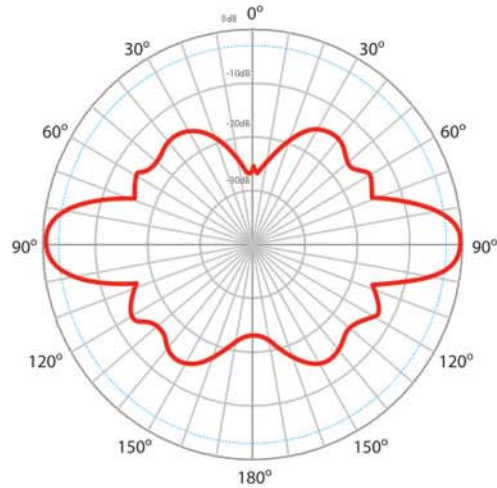
Temp. (Operating): -40 ... +71 C  
Temp. (Storage): -40 ... +85 C  
Humidity: MIL-STD-810E Method 507.3, Pro. III  
Shock: MIL-STD-810F, Method 516.5, Pro. I  
Random Vibration: MIL-STD-810F, Method 514.5, Cat. 24  
Blowing Rain: MIL-STD-810F, Method 506.4, Pro. I  
Water Immersion: MIL-STD-810F, Method 512.4, Pro. I  
Wind Speed: 190 km/h

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## RADIATION PERFORMANCE

Typical Elevation Pattern



Typical Horizontal Gain

