

Ultra Wideband VHF/UHF/SHF Vehicle Antenna WB225M

The WB225M is a rugged, high power vehicle antenna that is effectively covering the 200 – 6000 MHz frequency range. The antenna is highly suited for modern and upcoming SDRs and can be ideally used in multiple applications like mobile communication, countermeasure and monitoring.

- Ideal operation over a very wide bandwidth
- Good horizontal gain starting from 200 MHz onwards
- High performance, 200 W at 100% duty cycle
- Easy to install to different kind of environments



Product details*	
Frequency range	200 – 6000 MHz (on a ground plane $\geq 1 \times 1 \text{ m}^2$) 500 – 6000 MHz (without a ground plane)
Polarization	Nominally vertical
Radiation pattern	Omnidirectional
Gain	Typical Horizontal Gain -1 ... +3 dBi Measured patterns on request
VSWR	≤ 2.5
Nominal Impedance	50 Ω
Power rating	200 W (RMS)
Standard color	Black
Radiator	Radome protected
Height	220 mm
Width	150 mm
Weight	2.3 kg

Installation*	
RF connection	Female N-type
Mounting	4 x M10 female threads in a 114.3 mm diameter circular pattern on the bottom side of the antenna

*Specific adjustments on request

Order number	NSN	Product
WB225M	5985 - 58 - 000 - 5333	Antenna as described above