

## 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	$\leq 2.5$	
Nominal Impedance	50 $\Omega$	
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