

High-Power UHF/SHF Vehicle Antenna

WB525XM

The WB525XM is a compact, high-power and low-profile vehicle antenna that is well suited for communication and jamming applications within the 500 – 6000 MHz frequency range.



- Ideal operation in the UHF/SHF bands up to 6 GHz
- High performance, 400 W at 100% duty cycle

Product details*	
Frequency range	800 - 6000 MHz (without a ground plane) 500 – 6000 MHz on a ground plane ($\geq 0.5 \times 0.5 \text{ m}^2$)
Polarization	Nominally vertical
Radiation pattern	Omnidirectional (max. ± 1.5 dB ripple)
Gain	Measured patterns on request
VSWR	≤ 3.0
Nominal Impedance	50 Ω
Power rating	400 W (RMS)
Standard color	Black
Radiator	Radome protected
Height	130 mm
Weight	1.0 kg

Installation*	
RF connection	Female 7/16 -type
Mounting	4-hole US and 3/6-hole NATO pattern mount

*Specific adjustments on request

Order number	Product
WB525XM	Antenna as described above