

# Wideband UHF/SHF Vehicle Antenna

## WB525M

The WB525M is a compact, 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, 200 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. $\pm 1.5 \text{ dB}$ ripple)
Gain	Measured patterns on request
VSWR	$\leq 3.0$
Nominal Impedance	50 $\Omega$
Power rating	200 W (RMS)
Standard color	Black/olive green
Radiator	Radome protected
Height	130 mm
Weight	1.0 kg

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

\*Specific adjustments on request

Order number	NSN	Product
WB525M	5985-58-000-3182	Antenna as described above