

# Wideband UHF/SHF Vehicle Antenna

## WB425M

The WB425M is an ultra wideband, compact and low-profile vehicle antenna that is well suited for communication, monitoring and jamming applications within the 400 – 6000 MHz frequency range.



- Excellent performance over the entire frequency range
- High power rating, 200 W at 100% duty cycle

Product details*	
Frequency range	800 - 6000 MHz (without a ground plane) 400 – 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	
WB425M	Antenna as described above
WB425M-F1	Antenna with black color
WB425M-F6	Antenna with sand yellow color (RAL 1002)
WB425M-F11	Antenna with olive drab camo color FS33070 (FED-STD-595)
WB425M-F12	Antenna with sand camo color FS33303 (FED-STD-595)
WB425M-F16	Antenna with olive drab camo color tone FS33070, MIPA paint