

Wideband UHF/SHF Vehicle Antenna

WB480M

The WB480M is an ultra wideband, compact and low-profile vehicle antenna that is well suited for communication, monitoring and jamming applications within the 400 – 8000 MHz frequency range.

- Optimized performance over the entire frequency range including WiFi 6E band
- Excellent omnidirectionality in the azimuth plane, ensuring uniform reception and transmission across 360 degrees
- High power rating, 200W at 400–6000 MHz and 100W at 6000–8000 MHz with 100% duty cycle



Product details*	
Frequency range	800 - 8000 MHz (without a ground plane) 400 – 8000 MHz on a ground plane ($\geq 0.5 \times 0.5 \text{ m}^2$)
Polarization	Nominally vertical
Radiation pattern	Omnidirectional (typ. $\pm 1.5 \text{ dB}$ ripple)
Gain	Measured patterns on request
VSWR	≤ 3.0
Nominal Impedance	50 Ω
Power rating	400 – 6000 MHz 200 W (RMS) 6000 – 8000 MHz 100 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 pattern mount

*Specific adjustments on request

Order number	
WB480M	Antenna as described above