

# Wideband VHF Vehicle Antenna

## WB20140M

The WB20140M is a rugged low-profile wideband antenna for communication and jamming applications in the 20 – 140 MHz frequency range – to be used on numerous kinds of vehicles. The radiator of the antenna can be easily detached temporarily by rotating it at its spring and the whip part separately using the thumb screw.

- High power rating, 100 W at 100 % duty-cycle
- Rugged and low-profile antenna construction
- Superior performance starting from as low as 20 MHz
- Complete radiator and whip separately detachable without tools



Product details*	
Frequency range	20 – 140 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Monopole, ground plane required
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	≤ 3.8
Nominal Impedance	50 Ω
Power rating	100 W (RMS)
Standard color	Black/olive green
Radiator	Steel whip with shock absorption spring
Height	1980 mm
Weight	2.2 kg

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

\*Specific adjustments on request

Order number	Product
WB20140M	Antenna as described above
WB20140M-R1	Same antenna with glass fiber insulated whip