

Wideband VHF/UHF Vehicular C3I Antenna

WD30512M

The C30512M is a rugged, low profile and high-performance vehicle antenna providing maximum performance for today's tactical radios. Its effective coverage over the complete 30 – 512 MHz frequency range makes it the ideal choice for latest JTRS and modern SDRs. 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.

- Unique electrical design enables optimal performance over the entire 30 - 512 MHz frequency range
- Covert and rugged mechanical design with flexible steel whip
- Complete radiator and whip separately detachable without tools



Product details*	
Frequency range	30 - 512 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Monopole, ground plane required
Radiation pattern	Omnidirectional
Gain	Radiation patterns on request
VSWR	≤ 3.5 (for 95% of the specified frequency range)
Nominal Impedance	50 Ω
Power rating	75 W (RMS)
Standard color	Black
Radiator	Steel whip with shock absorption spring
Height	1920 mm
Weight	2.5 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
C30512M	Antenna as described above
C30512M-C1	Antenna with BNC (f) -type connector
C30512M-GPS	Antenna with integrated L1 GPS antenna (SMA (f)). Power rating: 50W (RMS.)

The optional available antenna whip tilt adapter FJ5 allows the user to conveniently tilt down the antenna's whip in 45 degree angles, for instance when having to drive into halls and garages.