

Wideband VHF/UHF Vehicular C3I Antenna

WD30512M

The WD30512M is a rugged and high-performance dipole antenna supporting vehicle and mast mountings. Its effective coverage over the complete 30 – 512 MHz frequency range makes it the ideal choice for latest JTRS and modern SDRs. The antenna supports COJOT multiuse concept: the same radiator can be used for vehicle and mast mounting. The steel whip is glass fibre insulated to provide protection against high voltage overhead transmission lines. The radiator and the whip can be easily detached temporarily without any tools.



- Excellent performance with center fed design
- Covert and rugged mechanical design with flexible steel whip
- Radiator and whip detachable without any tools

Product details*	
Frequency range	30 - 512 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Dipole
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	≤ 3.5 (for 95% of the specified frequency range)
Nominal Impedance	50 Ω
Power rating	50 W
Standard color	Black
Radiator	Glass fibre insulated steel whip with shock absorption spring
Height	2970 mm
Weight	3.5 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
WD30512M	Antenna as described above
WD30512M-GPS	Antenna with integrated L1 GPS antenna on the antenna base (GPS connector SMA (f)).
WD30512M-B	Antenna for mast mounting (see separate data sheet)