

Wideband Dipole VHF/UHF Vehicle Antenna

WD1450M

The WD1450M is a robust vehicular dipole antenna for the 130 - 512 MHz frequency range. Its field proven rugged composite construction in combination with a high-power handling make the WD1450M ideally suited for electronic warfare applications. Due to its centre-fed design the antenna does not require a ground plane for proper operation. The antenna is designed to be used on all kinds of vehicles as well as in fixed installations like shelters or masts, especially when only a less than ideal or even no ground plane is available.

- Highly robust and field proven antenna design
- Optimal performance over the entire frequency range
- No ground plane required



Product details*		
Frequency range	130 – 512 MHz	
Polarization	Nominally vertical	
Radiation pattern	Omnidirectional	
Gain	Measured patterns on request	
VSWR	≤ 3.0	
Nominal Impedance	50 Ω	
Power rating	100 W (RMS)	
Standard color	Black	
Radiator	Radome protected	
Height	1115 mm	
Weight	2.5 kg	
Installation*		
RF connection	Female N-type	
Mounting	4-hole US and 3/6-hole NATO pattern mount	
*Specific adjustments on request		
Order number	NSN	Product
WD1450M	5985-5800-14256	Antenna as described above



Accessory: In combination with the MS1 (antenna mast mount) the antenna can also be used for mast mounting and other fixed installations.