

# Wideband VHF/UHF Vehicle Antenna

## WD2245M

The WD2245M is a wideband dipole antenna that does not require a ground plane for proper operation. Its ideal performance in the 225 – 450 MHz frequency range makes it very well suited for use with modern SDRs, providing an effective coverage for a range of voice and data communications including Have Quick II and SATURN.



- Ideal operation in the 225 – 450 MHz frequency range
- Easily installed onto vehicles, shelters and masts
- Compact and robust antenna design for rough environmental conditions
- No ground plane nor additional tuning required

Product details*	
Frequency range	225 – 500 MHz
Polarization	Nominally vertical
Antenna type	Dipole, no ground plane required
Radiation pattern	Omnidirectional
Gain	Measured patterns on request
VSWR	< 3.0
Nominal Impedance	50 Ω
Power rating	100 W (RMS)
Standard color	Black
Radiator	Fiberglass radome coated with protective film
Height	720 mm
Weight	2.4 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
WD2245M	5985 - 58 - 000 - 5330	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.