

# High Gain VHF/UHF Vehicle Antenna

## HD2245M

The HD2245M is a high gain 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 excellent coverage for a range of voice and data communications including Have Quick II and SATURN.

- High performance in the 225 – 450 MHz frequency range
- Easily installed onto vehicles, shelters and masts
- No ground plane nor additional tuning required



Product details*	
Frequency range	225 – 512 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	75 W or 100 W (RMS) See order number below
Standard color	Black
Radiator	Radome protected
Height	1365 mm
Weight	2.2 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
HD2245M	5985-58-000-8337	Antenna as described above with 75 W power rating
HD2245XM	-	Antenna as described above with 100 W power rating
HD2245M-C1	-	Antenna with Female BNC connector
HD2245M-R	-	Antenna with removable radiator
HD2245M-B	-	Antenna radiator with mast mount adapter (MASTMO). See separate data sheet for more details



**Accessory:** In combination with the MASTMO (mast mount for dipole radiator) the antenna radiator (HD2245M-R model) can also be used for mast mounting.