

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
- Compact and robust antenna design for rough environmental conditions
- 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	1360 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	Product
HD2245M	Antenna as described above with 75 W power rating
HD2245XM	Antenna as described above with 100 W power rating
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 (WD2250M-R model) can also be used for mast mounting.