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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	/ X	Antenna as described above with 100 W power rating
HD2245M-C1	/	Antenna with Female BNC connector
HD2245M-R	$I \wedge X \times V / / /$	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.

