

# High Gain Vehicle Antenna

## HD4050M

The HD4050M is a high gain dipole antenna that does not require a ground plane for proper operation. Its ideal performance in the 400 – 500 MHz frequency range and high power rating make it very well suited for jamming applications.



- High performance in the 400 – 500 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	400 - 500 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional, $\pm 0.5$ dB ripple
Gain (typical)	4 dBi
VSWR	< 2.5
Nominal Impedance	50 $\Omega$
Power rating	100 W (RMS)
Standard color	Black
Radiator	Radome protected
Height	1030 mm
Weight	2.1 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
HD4050M	Antenna as described above