

High Gain Wideband SHF Vehicle Antenna

HD36M

The HD36M is a compact vehicle antenna that provides excellent performance over a very wide frequency band. This high-gain omnidirectional antenna comes with a steel shock absorption spring, which makes the HD36M well suited for various applications.



- Excellent performance over the entire 3 - 6 GHz frequency range
- Low weight and small visual signature
- Rugged antenna construction with shock absorption spring
- No ground plane required

Product details*	
Frequency range	3000 - 6000 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional (± 2.0 dB ripple, typical)
Gain (maximum)	5 to 8 dBi (Measured patterns on request)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating (RMS)	3000 - 4000 MHz: 35 W 4000 - 5000 MHz: 20 W 5000 - 6000 MHz: 15 W
Standard color	Black
Radiator	Radome protected (radome diameter 28 mm)
Height	450 mm
Weight	1.1 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
HD36M	Antenna as described above