

High Gain GSM/3G/LTE Vehicle Antenna

HD727XM

The HD727XM is a high gain omni antenna covering GSM, 3G, 4G LTE and 5G bands. The antenna is particularly suited for high power jamming applications.

- High power rating
- Optimised performance for GSM, 3G, 4G and 5G frequency bands
- Rugged antenna construction with shock absorption spring
- No ground plane required



Product details*	
Frequency range	700 - 2700 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional
Gain (typical)	3 dBi (Measured patterns on request)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating (RMS)**	700 - 1000 MHz : 175 W (P _{max1}) 1000 - 2200 MHz: 135 W (P _{max2}) 2200 - 2400 MHz: 100 W (P _{max3}) 2400 - 2700 MHz: 80 W (P _{max4})
Standard color	Black
Radiator	Radome protected
Height	605 mm
Weight	1.8 kg

Installation*	
RF connection	Female N-type
Mounting	4-hole US and 3/6-hole NATO pattern mount

*Specific adjustments on request

** Sum of input powers (P) should not exceed the limit of $1 \geq P_1/P_{max1} + P_2/P_{max2} + \dots$

Order number	Product
HD727XM	Antenna as described above



Accessory: In combination with the MS1 (antenna mast mount) the antenna can also be used for mast mounting and other fixed installations.