

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.