

High Gain Tactical UHF III+ Vehicle Antenna HD1327M

The HD1327M is a high gain omni antenna for mobile tactical applications working in the frequency range from 1300 – 2700 MHz. Its compact dipole design provides an ideal coverage across the UHF band III+ and offers an ideal solution for use with all kind of vehicles.

- Highly compact and unique electrical design
- Optimised performance for the UHF band III+
- Rugged antenna construction with shock absorption spring
- No ground plane required



Product details*

Frequency range	1300 - 2700 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional
Gain (typical)	4 dBi
VSWR	≤ 3.0
Nominal Impedance	50 Ω
Power rating (RMS)**	1300 - 1700 MHz: 65 W (P _{max1}) 1700 - 2200 MHz: 60 W (P _{max2}) 2200 - 2700 MHz: 55 W (P _{max3})
Standard color	Black
Radiator	Radome protected (radome diameter 28 mm, spring 43 mm)
Height	560 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

**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
HD1327M	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.