

# High Gain Tactical UHF III+ Manpack Antenna

## HD1327Q

The HD1327Q is a high gain manpack antenna effectively covering the UHF III+ band. The antenna is particularly suited for portable tactical communication applications. Its centre fed design minimises interference of the human body on the radiation performance of the antenna.

- Compact and unique electrical design
- Excellent performance over the entire UHF III+ band
- Rugged antenna construction with shock absorption spring (also available as lightweight version without a spring or with a rubber spring)



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 (diameter 30 mm)
Height	535 mm
Weight	410 g

Installation*	
RF connection	Male N-type connector
Mounting	Directly to a matching connector

\*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
HD1327Q	Antenna as described above
HD1327RQ	Antenna with rubber spring (Height: 545 mm / Weight: 310 g)
HD1327P	Antenna without a spring (Height: 475 mm / Weight: 290 g)