

High Gain 4G LTE Manpack Antenna

HD730Q

The HD730Q is a high gain manpack antenna covering the 4G LTE bands and the 5G low-band. The antenna is particularly suited for portable communication and jamming applications. Its centre fed design minimizes interference of the human body on the radiation performance of the antenna.

- Compact and unique electrical design
- Optimised performance for 4G LTE and 5G low-band
- Rugged antenna construction with shock absorption spring



Product details*	
Frequency range	690 - 3000 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional
Gain (typical)	4 dBi (Measured patterns on request)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating (RMS)**	690 - 1000 MHz : 75 W (P _{max1}) 1000 - 1700 MHz: 65 W (P _{max2}) 1700 - 2200 MHz: 60 W (P _{max3}) 2200 - 3000 MHz: 50 W (P _{max4})
Standard color	Black
Radiator	Radome protected (diameter 30 mm)
Height	545 mm
Weight	430 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
HD730Q	Antenna as described above