

# High Gain Manpack Antenna

## HD4050Q

The HD4050Q is a high gain manpack antenna that does not require a ground plane for proper operation. The antenna is particularly suited for jamming applications in the 400 - 500 MHz frequency range. Its centre fed design minimises interference of the human body on the radiation performance of the antenna.

- Compact and unique electrical design
- Optimised performance specifically for the 400 - 500 MHz frequency band
- Rugged antenna construction with shock absorption spring



Product details*	
Frequency range	400 - 600 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional
Gain	+3 dBi (Measured patterns on request)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating (RMS)	75 W
Standard color	Black
Radiator	Radome protected (diameter 30 mm)
Height	835 mm
Weight	410 g

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

\*Specific adjustments on request

Order number	Product
HD4050Q	Antenna as described above