

High Gain Triband Manpack Antenna

HD921Q

The HD921Q is a high gain triband GSM/3G manpack antenna that is particularly suited for portable communication and jamming applications.

- Unique electrical design
- Optimized performance for GSM and 3G frequency bands
- Rugged antenna construction with shock absorption spring



Product details*	
Frequency range	870 - 960 MHz 1710 - 1990 MHz 2110 - 2170 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional (± 1.5 dB)
Gain (typical)	3 dBi @ 870 - 960 MHz 4 dBi @ 1710 - 1990 MHz 4 dBi @ 2110 - 2170 MHz (More details on request)
VSWR	≤ 2.5
Nominal Impedance	50 Ω
Power rating (RMS)**	90 W @ 870 - 960 MHz ($P_{\max1}$) 65 W @ 1710 - 1990 MHz ($P_{\max2}$) 60 W @ 2110 - 2170 MHz ($P_{\max3}$)
Standard color	Black
Radiator	Radome protected
Height	540 mm
Weight	440 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 $1 \geq P_1/P_{\max1} + P_2/P_{\max2} + P_3/P_{\max3}$

Order number	NSN	Product
HD921Q	5985 - 58 - 000 - 7907	Antenna as described above