



- Low cost-retrofit reflector
- Converts omni-directional antennae to steerable directional antennae
- Reduces the probability of detection
- Enhances range within the network.
- Applicable to static platforms (CP or Vehicles)
- Patented technology

DARKSKY Inflatable Antenna IA-0002

The DARKSKY Inflatable Antenna IA-0002 offers a step change in CIS capability by:

- doubling the baseline communication range
- extending links within the network, particularly to isolated nodes.
- providing better quality links to enhance data performance
- reducing up to 80% unwanted RF signature in identified directions reducing
 - vulnerability of intercept
 - susceptibility to disruption from jamming or co-site interference
- increasing understanding of the propagation properties of antenna/reflector combinations
- offering a readily deployable a “low cost, fight tonight” capability
- easily retrofitting to existing UHF comms systems with low system and network impact

Product Details

	Inflatable
Frequency Range	225 - 415MHz
Polarisation	V
Antenna Type	Reflector
Radiation Pattern	Directional
Gain	5dBi*
3dB beamwidth	50° to 90°
VSWR	<2.5
Nominal Impedance	N/A
Power Rating	100W
Colour	Green/Black
Dimensions	H85 W85 L85
Stowed Dimensions	H20 W20 L85
Weight Kg	3.0 stowed
* Antenna Dependant	

For further information please contact

PhoenixC4i
Pure Offices
Waterwells Business Park
Gloucester
GL2 2AT
United Kingdom

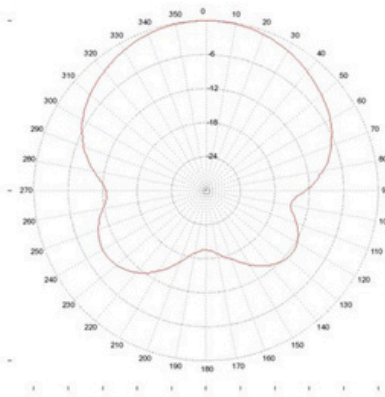
Telephone:
01452 452003



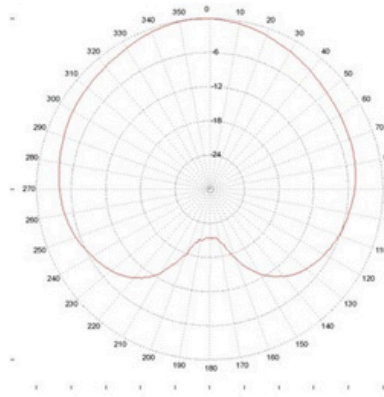


DARKSKY

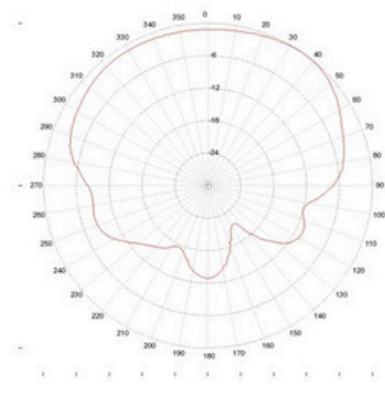
Radiation Patterns



225MHz



300MHz



400MHz



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info@phoenixc4i.com

www.phoenixc4i.com

