



- 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 Directional Antenna DDA-0002

The DARKSKY Directional Antenna DDA-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

	Directional Antenna
Frequency Range	225-512MHz
Polarisation	V or H
Antenna Type	Corner Reflector
Radiation Pattern	Directional
Gain	10dBi
3dB beamwidth	45° to 70°
VSWR	<2.5
Nominal Impedance	50Ω
Power Rating	100W (RMS)
Colour	Black
Dimensions	H118 W81 L69
Stowed Dimensions	H16 W81 L93
Weight Kg	7.0 Stowed

For further information please contact

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

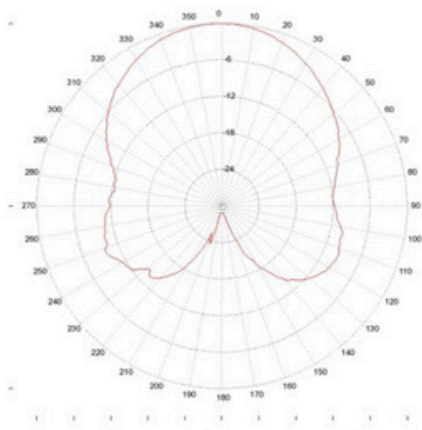
Telephone:
01452 452003



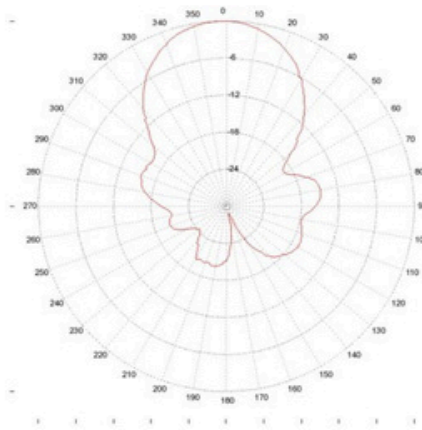


DARKSKY

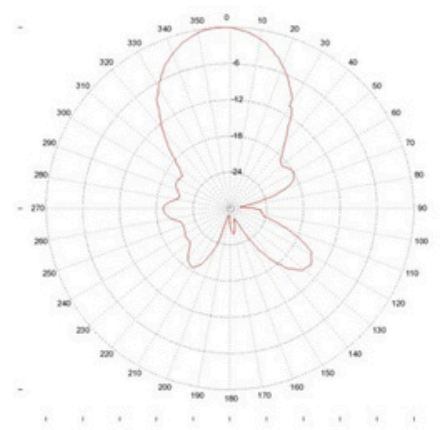
Radiation Patterns



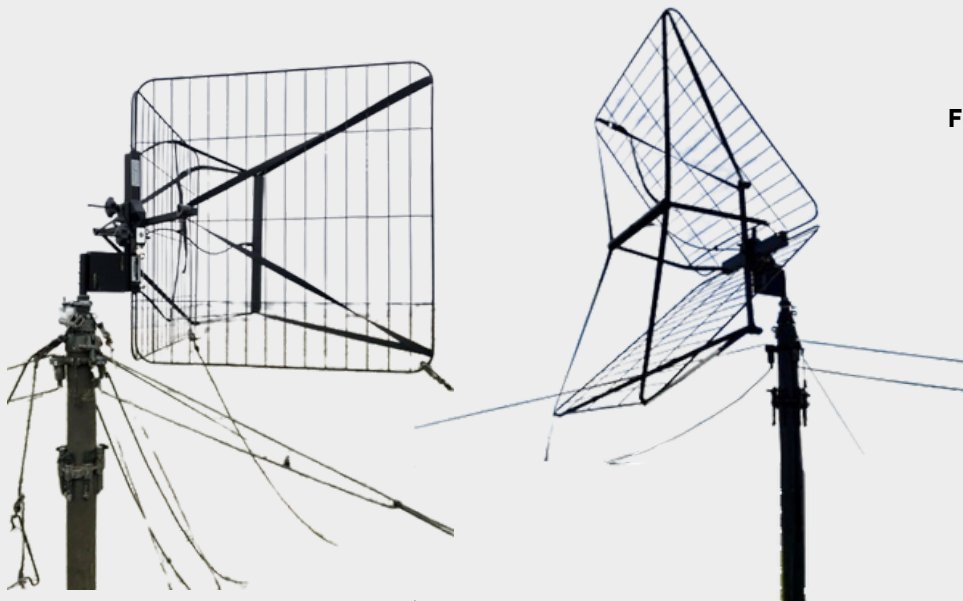
225MHz



325MHz



425MHz



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