

HELICAL ANTENNA OFFERING UNRIVALLED PERFORMANCE

The Helical antenna uses stored energy to deploy and achieves a highly accurate shape. Our helical antennas have proven performance in orbit and are optimised for IoT constellation volume production. The Oxford Space Systems helical antenna helps to unlock the full utility of satellites on orbit, enabling the next generation of IoT services.

KEY FEATURES

- Flight heritage
- High gain
- Stowage efficient
- Low mass & complexity
- Customisable RF features
- Scalable helical design
- Suitable for a range of other applications: from VHF to S-band
- ITAR-free

APPLICATIONS

- Smart agriculture
- Wildlife
- Oil & Gas
- Fishing

Background image credit: Lacuna Space

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STOWED



DEPLOYED