



Oxford Space Systems

United Kingdom · founded 2013 · oxford.space

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PRODUCTS

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as of 26 August 2026



Oxford Space Systems

Oxford Space Systems designs and manufactures deployable antennas for Space. The company offers a portfolio of antennas focused on improving performance, maximizing stowage efficiency, and minimizing mass. They leverage innovations from beyond the space sector, combining knowledge of materials science, RF engineering, mechanisms, and thermal engineering to produce antennas that are smaller, lighter, and cheaper than traditional designs. Oxford Space Systems is a satellite hardware manufacturer. Their facility, located on the Harwell campus, includes the largest cleanroom on the campus (300m²), a large light industrial area for antenna assembly and testing, thermal ovens, and 3D printers, with space for up to 65 engineering staff. The company has developed and implemented a Quality Management System (QMS) that is compliant with the ISO 9001:2015 international standard.

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Product catalogue



OXFORD SPACE SYSTEMS

Deployable Helical Antennas

Oxford Space Systems is developing a range of scalable, single-shot deployable helical antennas for Internet of Things (IoT) and Machine to Machine (M2M) communications and service

Stowage Efficient	Yes
Low Mass	Yes
Tuneable and Scalable	Yes
Single Shot Deployment	Yes
Low Complexity	Yes
Flight Heritage	Yes (In-Space Missions)
Rigorous Testing	Yes

price on request



OXFORD SPACE SYSTEMS

Hinged Rib Antenna

Our deployable Hinged Rib is a stowage efficient, high performance, dual band antenna, operating from Ku-band to Ka-band frequencies.

price on request



OXFORD SPACE SYSTEMS

Innovative Deployable Antennas

Oxford Space Systems develops innovative deployable antennas and structures designed to meet the challenges of the new space age, blending agile development with robust validation.

price on request



OXFORD SPACE SYSTEMS

OFFSET REFLECTOR

The Oxford Space Systems Deployable Offset Reflector Antenna is a cost competitive, reduced complexity alternative to current architectures, offering unique features that signifi

price on request



OXFORD SPACE SYSTEMS

Oxford Space Systems Deployable Helical Antenna for IoT applications

The Oxford Space Systems helical antenna helps to unlock the full utility of CubeSats in orbit, enabling the next generation of IoT services. The Helical antenna uses stored...

Manufacturer	Oxford Space Systems
Frequency	VHF to S-band

[price on request](#) [datasheet](#)



OXFORD SPACE SYSTEMS

Oxford Space Systems Deployable Yagi Antenna for AIS and VDES applications

The Oxford Space Systems Deployable Yagi Antenna is a high-performance VHF antenna designed for space maritime and vessel tracking applications, deploying from a 1U stowed package.

Deployed length	900 mm
Stowage	1U
Flight heritage	Yes (3-element configuration)
Optimised for	AIS and VDES applications
Frequency band	VHF
ITAR-free	Yes

[price on request](#) [datasheet](#)



OXFORD SPACE SYSTEMS

Wrapped Rib

The Oxford Space Systems Wrapped-Rib antenna is a deployable Cassegrain, centre fed antenna designed for low Earth orbit (LEO), X-band synthetic aperture radar (SAR) applications.

[price on request](#)



OXFORD SPACE SYSTEMS

YAGI ANTENNA

The Oxford Space Systems Yagi is a very high frequency (VHF), high gain, directional antenna, designed to maximise stowage efficiency for satellite AIS and VDES missions.

[price on request](#)

Contact Oxford Space Systems

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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