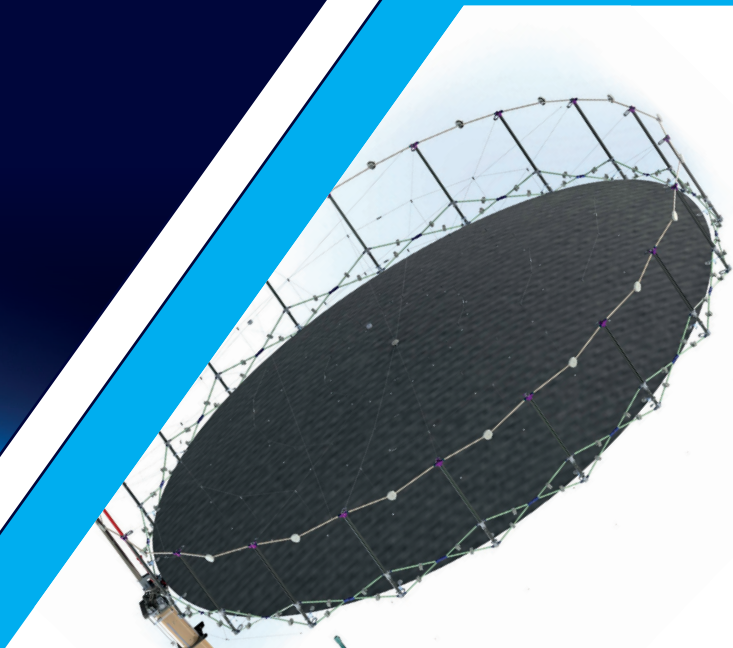


OXFORD  
SPACE  
SYSTEMS



ANTENNAS FOR A  
NEW SPACE AGE

**LARGE  
DEPLOYABLE  
ANTENNAS**

# LARGE DEPLOYABLE ANTENNAS

**OSS has developed a cost competitive Large Deployable Antenna (LDA) for the smallsat market.**

Using a patented mechanism, the antenna offers cable & pulley free deployment, thus reducing complexity, improving stowage efficiency and significantly reducing risk of jamming.

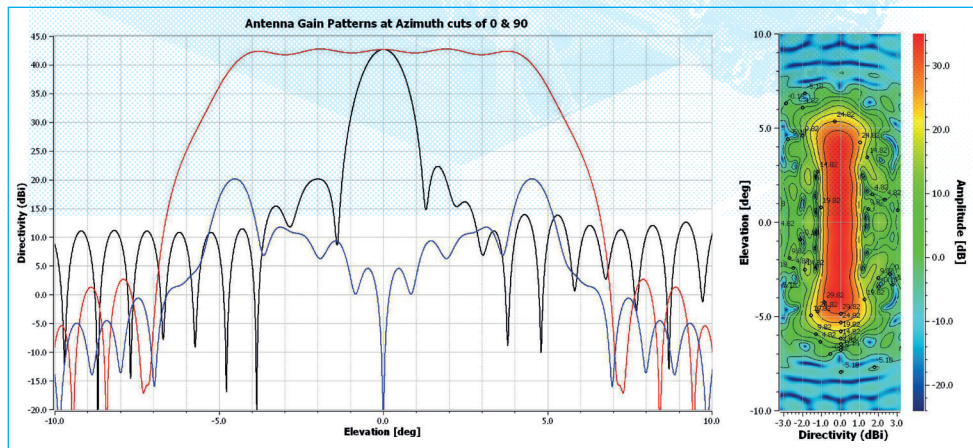
OSS' proprietary pre-shaped surface membranes avoid the need for complex cable-shaping systems.

The unique reflector surface retains its shape on deployment, maintaining high surface accuracy.

## KEY FEATURES

- Scalable from 3 - 14m
- High Stowage Efficiency
- Cost Competitive
- Low Mass
- Low Complexity
- ITAR-free
- High RMS Surface Accuracy (X, Ka-Band & over)

## RADIATION PATTERNS FOR A 3.5M LDA



## LET'S TALK

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