

## WRAPPED RIB

DEPLOYABLE CASSEGRAIN SAR ANTENNA

### HIGH PERFORMING, STOWAGE EFFICIENT WRAPPED RIB ANTENNA

A deployable Cassegrain, centre fed antenna suitable for X-band synthetic aperture radar (SAR) applications and telecommunications applications at other frequencies.

The Wrapped Rib antenna is scalable from 3m to 5m diameter and deploys from a central hub with unique carbon-fibre lenticular "ribs" supporting a high performing metal mesh reflector surface and a deployable mast for the composite secondary reflector.

### KEY FEATURES

- High gain low loss design
- 3m or 5m diameter reflector
- Deployable from a compact form factor in both diameter and height
- Suitable for Smallsat (>50kg)
- Enables persistent imaging as part of a constellation
- ITAR free

Image credit: soundmotive.tv

