KABER





PLATFROM OVERVIEW

The Kaber is an advanced satellite deployment system designed to deploy larger satellites directly from the ISS. Utilizing the JEM Module, Kaber operates with the Canadian's SPDM, making it ideal for the safe and efficient deployment of small to medium-sized satellites. The system includes the Voyager **Exploration Separation** System (NRSS), a low-shock deployment mechanism optimized for zero-gravity environments, ensuring safe satellite release with precise control over deployment speed and direction. Kaber's modular design allows it to handle a range of satellite sizes and configurations, offering customers flexibility and high mission success rates.

APPLICATIONS

- ✓ Satellite Deployment
- ✓ Technology demonstration & proof-of-concept
- Earth Observation and Remote Sensing
- ✓ Space Science and Environmental Monitoring
- Communication and Data Relay Satellites

KEY FEATURES

- Flexible Satellite Capacity up to 100 kg in various configurations
- Low-Shock Separation System (NRSS) ensures a smooth and controlled release
- Modular and Reusable: a cost-effective solution for frequent deployments
- deployment velocities from 0.2 m/s to 1.5 m/s,
- low tip-off rates for precise positioning
- Comprehensive Testing
 and Safety
- **Regular Launch** Opportunities
- No Electrical Interface
- Real-Time Deployment
 Support

NRSS Vestigial

NRSS Flyaway

DSUB9 Connector: connects to separation harness

Satellite deployment centerline