

इसरो ISRO

एन्ट्रिक्स  
ANTRIX



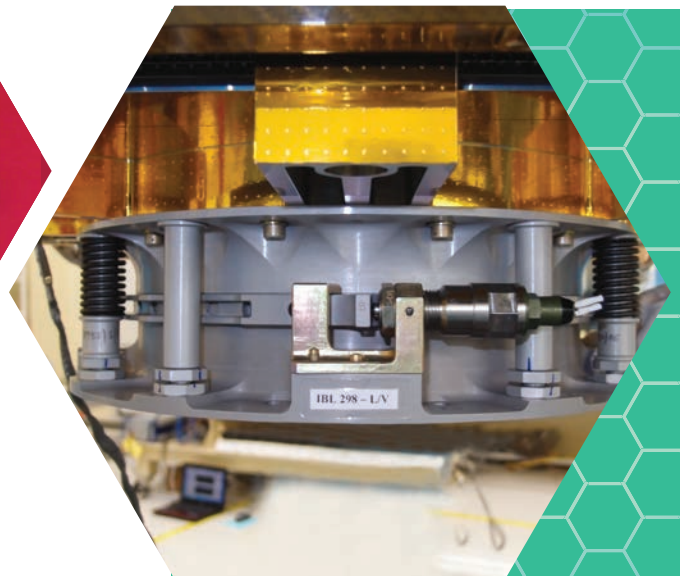
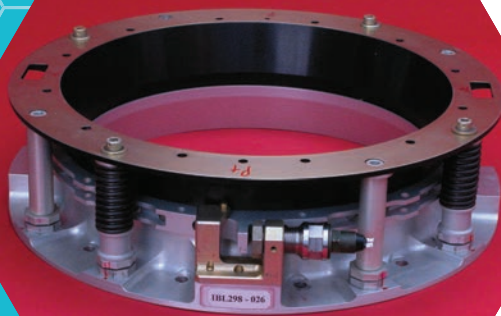
# Payload Separation Mechanisms

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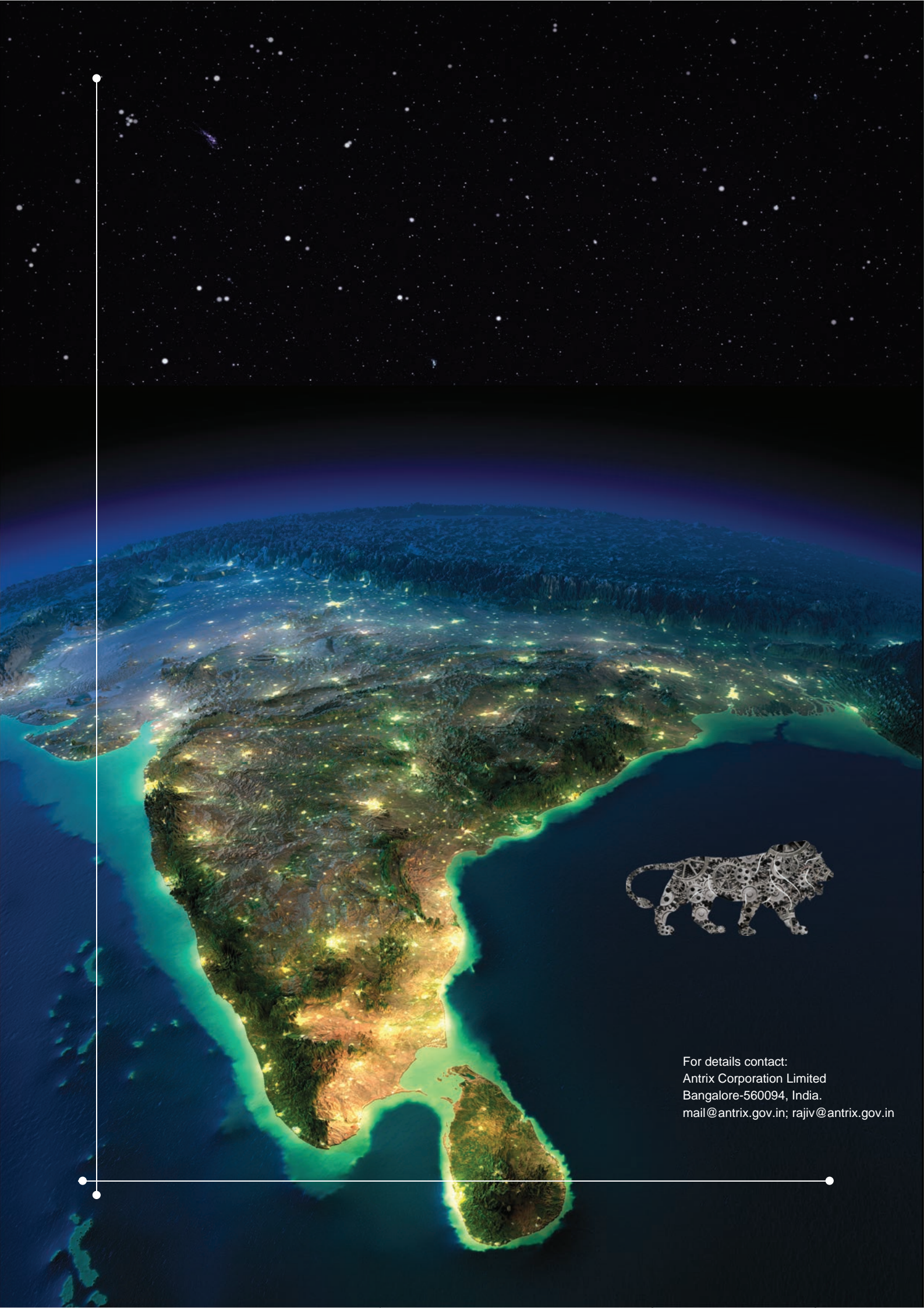
## IBL 298

- ISRO Ball Lock Separation system for 150Kg class satellites.
- Pyro thruster based release.
- System is having device level redundancy.
- Compact and debris-free release system.
- Mounting I/F = 298mm



- System mass: 4.5 kg
- System size: 258mm x 351 mm x 91mm
- Relative velocity : 1-1.2 m/s
- Inbuilt guiding feature to reduce the tip off rates.
- Operating temperature & Vacuum :  
-15°C to +70°C, <math>10^{-5}</math> torr
- Power Supply: Current: 5A  
Time: 10ms

**Flight heritage: Successfully deployed over 60 small satellites.**



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