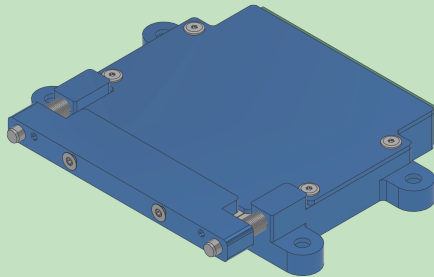


De-Orbiting Device



A LOW-IMPACT SOLUTION TO MAKE SATELLITE END-OF-LIFE PREDICTABLE, COMPLIANT AND SUSTAINABLE.



The De-Orbiting Device (DD) is a **passive system** designed to **accelerate the atmospheric re-entry of satellites** at the end of their operational life.

The device increases the spacecraft's aerodynamic drag through a deployable sail, significantly **reducing orbital lifetime** and contributing to **space debris mitigation**.

Once activated, the system requires no power, control, or further intervention, ensuring high reliability and operational simplicity, even in end of mission or satellite failure scenarios.

MECHANICAL SPECS

Dimensions [mm]: 59 x 50 x 9
Sail Area [m²]: 0.325
Mass [g]: 40

ELECTRICAL SPECS

Power [min-max]: 2.92-5.74W
Voltage [min-max]: 3-4.6V
Actuation Time: ≤ 5s