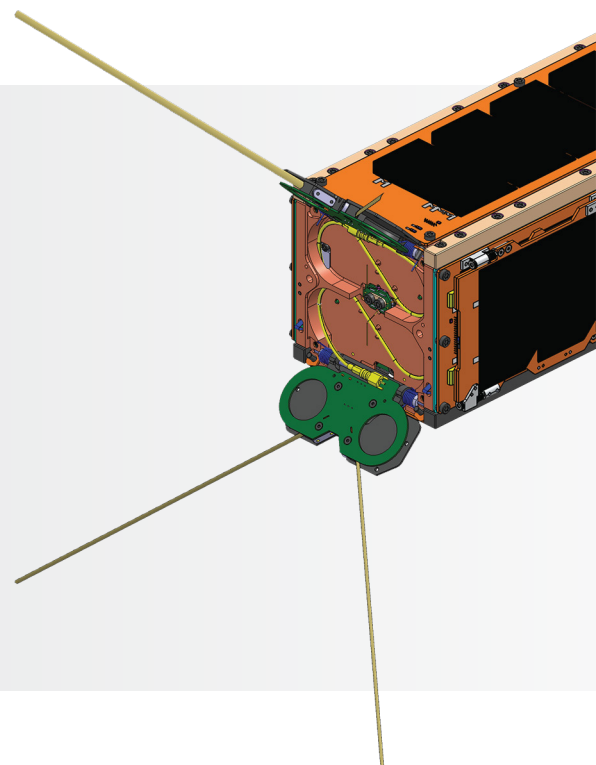


## ANTENNA SYSTEM

### MAIN FEATURES

- Antenna - Stainless spring steel
- Curved cross section tape
- 0.1–2.0 second opening time (from -70°C to +85°C)
- Cold redundant system
- ESA qualified concept
- Near omnidirectional radiation pattern
- Easy to tune
- Antenna configuration: V-dipole



### SPECIFICATION

Property	Value
Input impedance (deployed)	50 $\Omega$
Polarization	Linear
Input port	Coaxial
Connector on antenna side	MCX female
Center frequency	401 MHz
Input reflection (s11) at center frequency	<-20 dB
Bandwidth (-10 dB)	30 MHz
Maximal input power	3 Watt
Antenna main beam gain	3.8 dBi
Mass	150~200 g
Envelope Stowed (l x w x h)	100x100x18 mm
Antenna length	~180 mm (customizable)
Electrical power	5 Watt
Operational temperature range	- 70 - +85 °C