

3U Structure

Description	Triple unit cubesat structure for personalized cubesat design. Used in SW1FT and LabSat mission.
Features	<p>CNC manufactured of Aluminium 6061 alloy</p> <ul style="list-style-type: none"> · Hard anodized and oxidized · Up to 2 safety deployment switches and 1RBF pins · Two separation springs
Details	<ul style="list-style-type: none"> · The material was additionally hard anodized to increase the hardness of the outer surface. · The oxidized layer serves as an additional protection against corrosion, mechanical deformations and electrical insulator.
Properties	<ul style="list-style-type: none"> · Mass: 280 g · Dimensions: 100 x 100 x 340.5 mm · Compatible with PC-104 mechanical Interface
Tests	<ul style="list-style-type: none"> · Thermal-vacuum · Random vibrations

