







16U Platform/Specification

Modulation	OOK/FSK/GFSK	
Knowledge accuracy	0.00833°	
Pointing accuracy	<<1°	

PAYLOAD ALLOWANCE

Property	Value/Options	Notes
Volume	15.5 - 16.5 U (= Litres)	Depending on payload positioning
Dimensions within Z-frame	216.2 x 216.2 x 310 mm + 112.8 x 216.2 x 94 mm	Can be extended with up to 800,000 mm <sup>3</sup>
Average power (average during 1 orbit)	Up to 50 W	Power available for the payload, depending on solar panel type and mission*
Peak Power	Up to 155 W**	Power available for the payload, depending on battery pack
Communication interface	CAN 2.0B, M-LVDS	

\* The presented value is calculated for:  
 Orbit: 600 km, SSO, 9h LTAN  
 Orientation: Z+ axis points to Nadir,  
 Wing is perpendicular to sun vector

\*\* It can be exceeded as an impulse, for a short period of time (<<1 sec)