

Deployer EXT 16U



DESCRIPTION

«EXT» 16U configuration with extended accommodation zone for 16U-class CubeSats. Compatible with Angara/Orion, Soyuz/Fregat, PSLV, Start-1M launch vehicles.

SPECIFICATIONS

Parameter	Value
Type	Deployer
Series	12U/16U «EXT»
Form factor	16U EXT
Dimensions (L×W×H)	600 × 290 × 299 mm
Mass	9 kg
Max. satellite mass	40 kg
Separation time	≤ 1 c
Separation velocity	0.5 – 2.0 m/c
Angular separation velocity	≤ 2 °/c
Operating temperature, °C	–60°C to +60°C
Lead time	6 – 9 months
Manufacturer	KosmoLab
Country of manufacture	Russia

Price: from 6 000 000 RUB

PAYLOAD LAYOUT

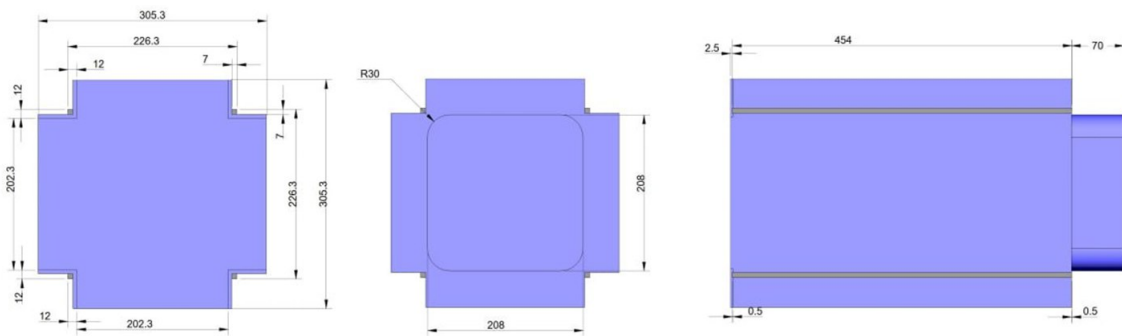
Spacecraft accommodation inside the container



CubeSat 16U EXT Placement



CubeSat 16U EXT Placement



CubeSat 16U EXT Envelope

SUCCESSFUL FLIGHT LAUNCH

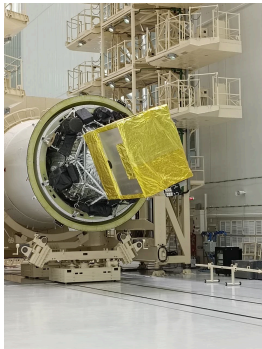
TPK SERIES deployer have been flight-qualified as part of the Angara-A5 launch vehicle (2024 launch). All satellites were successfully deployed into target orbits.



Placement of the KosmoLab launch container and control unit as a side load



Placement of the KosmoLab launch container and control unit as a side load



The process of preparing the launch vehicle for installation of the fairing



The process of preparing the launch vehicle for installation of the fairing



Launch of the Angara-A5 launch vehicle



"KosmoLab" LLC

Launch services · CubeSat containers · Separation systems

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