

**Deployable Solar Array with Integrated Reflectarray**

**Applications**

- JPL ISARA

**Features**

- For 3U PUMPKIN MISC 3 nanosatellite busses
- Three-panel design
- Eight SpectroLab® UTJ cells per panel (8S3P configuration)
- Array folds around CubeSat in stowed position
- Incorporates JPL Reflectarray design on underside of panels
- PMDSAS gen. 5 derivative solar panel design
- Extremely stiff, stable and thermally beneficial design with hybrid laminated construction
- With:
  - Compact 90-degree hinges between panels
  - One CSK body hinge between center panel and CubeSat body
  - Flex interconnect to CubeSat body



**ORDERING INFORMATION**

Pumpkin P/N 717-01105

Option Code	Configuration
/00	standard

Contact factory for availability of optional configurations.  
Option code /00 shown.



**CAUTION**

Electrostatic  
Sensitive  
Devices

Handle with  
Care



**CHANGELOG**

Rev.	Date	Author	Comments
A	20140324	AEK	Initial version.

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