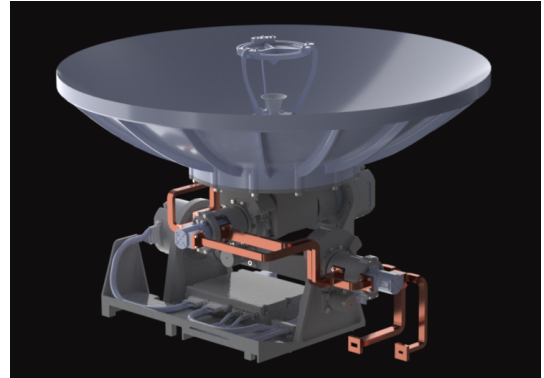




2-Axis Gimbal

The 2-Axis Gimbal is engineered for satellite reflector pointing in low and medium Earth orbits (LEO and MEO). The gimbal has an integrated gimbal controller for simplified integration with payloads.



| DESCRIPTION | UNIT | VALUE |
|---|------|------------------------|
| Max Travel (Both Axes) | deg | ±30 |
| Position Sense | | Absolute |
| Position Sense Resolution | deg | 0.01 |
| Nominal Rotational Speed | RPM | 0.5 |
| Max Continuous Torque | Nm | 31 |
| Max Peak Torque | Nm | 70 |
| Supply Voltage | VDC | 28 |
| Max Supply Current | A | 6.5 |
| Power Consumption | W | 30 |
| Command/Telemetry Interface | | Ethernet 100BASE-TX |
| Mounting Interface Temperature | C | -35 to +65 |
| Mass (w/o Reflectors, Feeds, Waveguides or MLI) | kg | 10 |
| Dimension A | mm | 473 |
| Dimension B | mm | 389 |
| Dimension C | mm | 245 |

FEATURES

- Designed for LEO and MEO Satellite Reflector Pointing
- Integrated Gimbal Controller for Simplified Payload Integration
- Absolute Position Sensing with 0.01° Resolution
- ±30° Travel on Both Axes
- 31 Nm Continuous / 70 Nm Peak Torque
- Ethernet (100BASE-TX) Command and Telemetry Interface
- Single 28 VDC Supply
- Wide Mounting Interface Temperature Range (-35 to +65 °C)

