

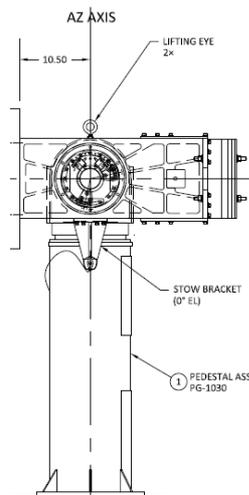


**Description:**

Prodetel RPMH6 and RPMH8 are powerful antenna systems useful for Telemetry, Test range, RPAs or Satellite Remote Sensing applications. Full motion in Azimuth and 190 Deg travel in elevation, this system is available with solid or segmented honeycomb core reflectors later reinforced by composite material delivering maximum performance. They are highly robust and manufactured using most advanced 3D techniques and using COTS components. These antenna systems can communicate to the Line-of-Sight limits and operate in S-Band and C-Band thanks to its tri-band feeder. GPS driven tracking is improved with a built-in Tracking Filter.

**Specification:**

Parameter	Specification
<b>Operating Frequency</b>	Low S band: 2300 to 2400 MHz (Typical FM LOS) High S band: 2700 to 2800 MHz (A400M COFDM LOS) C band: 5090 to 5250 MHz
<b>Antenna type</b>	6 or 8 feet segmented or solid reflector 0.375 f/d ratio.
<b>Typical Gain (8 ft.)</b>	S band 32dBi C band 40dBi
<b>Polarization</b>	Dual Polarization simultaneous RHCP and LHCP
<b>3dB beam width (8 ft.)</b>	S band: 3.3 deg C band: 1.6 deg
<b>Rated Gear Strength</b>	500 lb-ft (RPMH6) 1000lb-ft (RPMH8)
<b>Motor Size</b>	245 Watt (RPMH6) to 1HP (RPMH8)
<b>Torque</b>	300 lb-ft (RPMH6) to 500lb-ft (RPMH8)
<b>Angle Span</b>	Continuous 360° Azimuth and 190° Elevation
<b>Max Velocity</b>	30 °/s both axes
<b>Max Acceleration</b>	30 °/s both axes



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