



Description:

Prodetel's RPMH4 is an affordable but powerful GPS-Tracking based Antenna System useful for Telemetry, Test range, RPAs or Satellite Remote Sensing applications. Full motion in Azimuth and 190 deg travel in elevation, the 4 feet segmented reflector has a honeycomb core later reinforced by composite material delivering maximum performance. It is highly robust and also transportable with customized rugged Flight Cases. Weighing less than 100 Kg, this motorized antenna can be deployed by two trained personnel in 15 minutes. This antenna 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
Operating Frequency	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
Antenna type	4 feet segmented or solid reflector 0.375 f/d ratio. Other sizes available upon request
Typical Gain	S-Band 26dBi C-Band 34dBi
Polarization	Dual Polarization simultaneous RHCP and LHCP
3dB beam width	S-Band: 6.5 deg C-Band: 3.5 deg
Rated Gear Strength	250lb-ft
Overturn Moment	1750 ft-lb
Motor Size	128W
Torque	100lb-ft
Angle Span	Continuous 360° Azimuth and 190° Elevation
Max Velocity	30°/s both axes
Max Acceleration	30°/s both axes
Storage	4 flight cases for antenna and pedestal. Nylon reinforced bag for the heavy duty tripod.



Please contact us for more information:
info@prodetel.es
www.prodetel.es
+34 91-8824395