



PAP-240 motorized antenna pedestal

The PAP-240 is a two axis motorized antenna pedestal for 1.8m to 3.8m fixed offset earth stations for VSAT or TV Uplink applications.

The PAP-240 two axis motorized antenna pedestal, is specifically developed for fixed offset earth stations from 1.8m to 3.8m for VSAT or TV Uplink applications. It has full motorization and an optional Tracking capability. The pedestal back structure holds the main reflector and feed arm and can be customized to match most reflector types, including Skyware Type 243/244, Prodelin 1240 and many other. The pedestal is made of galvanized steel and spray-painted to protect against weather influences.

The motorization system is equipped with Swiss made 24V DC motors with planetary and worm gear reducers in both AZ and EL. All gear stages have permanent lubrication and require minimal maintenance or supervision. It uses a jack system for elevation changes and a Worm gear for Azimuth adjustments. Motorization for polarization is optional and can be provided with a 24V DC motor if requested.

Angle measurements are done by size-11 type High Precision resolvers . Angle end points are limited by Solid Micro switches within:
AZ 0-3600/EL 0- 900/POL ± 1100 .

Key Features

- Easy Integration
- Fits reflectors of other manufacturers
- Compact IP65 design
- Swiss Standard DC motors and gears
- High Precision Resolvers for Angle measurement

Technical Specifications

Range of movement	AZ: 0-3600
	EL: 0-900
	POL: ± 1100
Speed of rotation	AZ: 0.3 - 1.70/sec
	EL: 0.3 - 1.90/sec
	POL: 0.3 - 30/sec
Drive gear backlash	AZ/EL: Max. +/- 0.1
Operating Voltage	24 VDC
Operational temperature	-30° to 70° C
Weight	Approx. 210kg