

Antenna Positioners

- Two or Three-axis models (Elevation/Azimuth or Elevation/Azimuth/Polarization)
- Manual (Jog) or Automatic positioning
- Motorized supports for antennas from 0.75m to 2.4m
- The positioners for 0.75m and 0.96m antennas (Ku) are integrated with the antennas
- The positioners for 1.2m to 2.4m antennas can be integrated to antennas specified by the client

The automatic positioners use GPS, electronic compass and scheduled satellites orbit information to calculate the correct antenna positioning to point to the selected satellite (user-programmed, or from a pre-programmed list). A scan around the calculated position is then performed to optimize signal quality.



Installations can include

- Flexible waveguides with rotatable fittings
- External HPA support if required



Part numbers AvL / RF COM

Antenna	0.75m	0.96m	1.2m	1.8m	2.4m
RF COM Manual System			45756	44894	45757
Complete System (motorized support, antenna, automatic controller, GPS, compass)	750K / 32076	960K / 32077	-	-	-
Motorized support 2 axis (Azimuth/Elevation)	-	-	1220 / 32069	1820 / 32070	2420 / 32071
Motorized support 3rd axis (Feeder - Polarization)	-	-	37586	44111	
Manual Controller (Jog)	-	-	AVL2000A / 32075	AVL3050A / 30900	AVL3050A / 30900
Automatic Controlled	-	-	AVL3000A / 30899	AVL3000A / 30899	AVL3000A / 30899
GPS	-	-	AVL3000GPS / 31053	AVL3000GPS / 31053	AVL3000GPS / 31053
Electronic compass (Fluxgate)	-	-	AVL3000FG / 31325	AVL3000FG / 31325	AVL3000FG / 31325



RF COM Manual System: Elevation adjustment is made through a hand crank with reduction gears. Azimuth is adjusted by manually rotating the antenna on the rotatable base.

