

VR9L 1.2m Autopoint Antenna Technical Specifications



Mechanical

Reflector Type	1.2 meter Prodelin
Mount Geometry	Elevation over Azimuth
Polarization	Vertical or Horizontal: 270° on both polarities
Deployment Sensors	GPS, Inclinometer
Azimuth	380°
Elevation	202° (includes 22.5 offset of dish)
Polarization (skew)	Both polarities can be skewed by 270°
Deploy Elevation	1.8°/sec
Deploy Azimuth	5.3°/sec
Peaking Speed	0.10° increments

Environmental

Deployed Wind Resistance	In excess of 87mph (140kph)
Stowed Wind Resistance	In excess of 87mph (140kph)
Operational Temperature	-40°C to 65°C / -40°F to 150°F

Electrical

Transmit & Receive Cables	2 RG6 cables (35ft)
Control Cable	Interface cable (35ft) *Longer cables available
Transmit Power	1 to 200 Watt
Frequency	Ku Band

Physical

Length Stowed	84" (2.1m)
Width Stowed	48" (1.2m) w/ reflector 26" (0.7m) w/o reflector
Height Stowed	14.63" (0.4m)
Weight	285lbs (130kg) w/o reflector and RF equip.

4U Controller

4U Controller	Visual displays of azimuth, elevation, cross pole and signal strength. Controller has momentary buttons for all axis control movements. Rack mount houses controller, modem and power supply.
Dimensions	7"l x 19"w x 14"d (177.8mm x 482.6mm x 355.6mm) *Custom rack mounts available
Interface	Serial or Ethernet
Electrical	100 - 240VAC / 36V DC

Warranty

1 year warranty, extended warranty available

- Unique vertical lift capability to clear roof obstructions
- Intuitive touch screen controller supports auto or manual control
- HD platform support wide variety of RF Electronics
- Advanced self leveling feature aids in satellite acquisition
- 1 year standard warranty
- Advanced peaking algorithm on cross-polarization alignment
- No software to install
- Unaffected by magnetic compass distortion
- Compatible with most satellite modems
- Rugged design and reliability
- 4U controller

