

VR9 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	76" (1.9m)
Width Stowed	48" (1.2m) w/ reflector 22" (0.6m) w/o reflector
Height Stowed	12.38" (0.3m)
Weight	220lbs (100kg) w/o reflector and RF equip.

Solid State Controller

Standard Controller	Visual displays of azimuth, elevation, cross pole and signal strength. Controller has momentary buttons for all axis control movements.
Dimensions	7.5"l x 6.38"w x 1.75"h (190mm x 162mm x 44mm) *Custom rack mounts available
Interface	Serial or Ethernet
Electrical	100-240 AC / 36V DC

*Optional 2U or 4U Controller available

Warranty

1 year warranty, extended warranty available

- 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
- Handheld, 2U or 4U controller

