

2.4 Meter VSAT Antenna

- 1) Double shape ring-focus
- 2) Both available are C-Band and Ku-Band
- 3) Assembled to reduce installation time
- 4) Strong in anti-corrosion
- 5) Well in stability
- 6) Both available are linear polarization and circular polarization
- 7) High gain and excellent side beam performance
- 8) Factory kingpost base and feed system
- 9) Custom tailor product

SPECIFICATIONS	2.4 meter VSAT Antenna			
	C-RECEIVE	C-TRANSMIT	Ku-RECEIVE	Ku-TRANSMIT
Frequency (GHz)	3.4-4.2	5.85-6.725	10.95-12.75	13.75-14.5
Typical Gain (dBi)	37.93	41.97	47.487	48.79
VSWR	1.25:1			
Beamwidth: -3dB	2.085°	1.309°	0.695°	0.597°
-15dB	4.17°	2.618°	1.389°	1.194°
Tx-Rx	≥85dB			
Power Handling		5KW/Port		1KW/Port
Feed interface	CPR-229G	CPR-159G/137G		WR-75
Feed Insertion Loss	0.25dB	0.2dB		0.25dB
10° Elevation	38		52	
20° Elevation	31		43	
40° Elevation	24		38	
Antenna Noise Temperature (° K)	2Port Feed			
Cross Polarization Isolation (on axis)	≥35dB			
Sidelobes	CCIR. 580-4			
Environmental				
Operational Winds	45mi/h (72km/h) gusts to 60mi/h (97km/h)			
Relative humidity	0% to 100%			
Ambient Temperature	-45° to 60°			
Seismic (Survival)	0.3G s horizontal 0.15G s vertical			
Survival Winds	125mi/h (200km/h)			
Mechanical				
Elevation Travel	0° to 90°			
Surface Accuracy	0.5mm (R. M. S)			
Azimuth Travel	360°			
Antenna Optics	Ring-focus antenna			