

0.6 Meter VSAT antenna

Detailed Product Description

- 1) High gain and excellent sidelobe performance
- 2) Custom tailor product
- 3) Double shape ring-focus
- 4) Easy to deploy and transport
- 5) Ship antenna system
- 6) Optional aluminum single major reflector and 5 board
- 7) We can provide Ku-Band and linear polarization for your choice

SPECIFICATIONS	0.6 Meter VSAT Antenna	
	Ku-RECEIVE	Ku-TRANSMIT
Frequency (GHz)	10.95-12.75	13.75-14.5
Typical Gain (dBi)	35.44	36.75
Feed interface	WR-75	
-15dB	5.557°	4.777°
Beamwidth:-3dB	2.778°	2.389°
Antenna Noise Temperature(° K)	2Port Feed	
10° Elevation	49	
20° Elevation	41	
40° Elevation	35	
Feed Insertion Loss	0.25dB	0.20dB
VSWR	1.25:1	
Power Handling Capability		1KW/Port
Tx-Rx	≥85dB	
Cross Polarization Isolation(on axis)	≥35dB	
	Within-1dB ≥33dB	
Sidelobes	CCIR. 580-4	
Environmental		
Ambient Temperature	-45° to 60°	
Relative humidity	0% to 100%	
Survival Winds	125mi/h(200km/h)	
Operational Winds	45mi/h(72km/h) gusts to 60mi/h(97km/h)	
Seismic(Survival)	0.3G s horizontal 0.15G s vertical	
Mechanical		
Elevation Travel	0° to 90°	
Antenna Optics	Ring-focus antenna	
Surface Accuracy	0.5mm(R. M. S)	
Azimuth Travel	360°	