

## 0.88M VSAT Antenna

- 1) excellent side beam performance and high gain
- 2) satellite news gathering system
- 3) custom made products
- 4) double-ring focus
- 5) Single aluminum reflector
- 6) linear polarization and Ku-band

SPECIFICATIONS	0.88m VSAT Antenna	
	Ku-RECEIVE	Ku-TRANSMIT
Frequency (GHz)	10.95-12.75	13.75-14.5
Typical Gain(dBi)	38.85(11.8GHz)	40.14(14.25GHz)
VSWR	1.25:1	
Beamwidth:-3dB	1.874°	1.616°
Antenna Noise Temperature(° K)	2Port Feed	
10° Elevation	43	
20° Elevation	39	
40° Elevation	35	
Power Handling Capability	1KW/Port	
Tx-Rx	≥85dB	
Cross Polarization Isolation(on axis)	≥35dB	
Feed interface	WR-75	
Feed Insertion Loss	0.20dB	
Sidelobes	CCIR. 580-4	
Environmental		
Operational Winds	45mi/h(72km/h) gusts to 60mi/h(97km/h)	
Survival Winds	125mi/h(200km/h)	
Seismic(Survival)	0.3G s horizontal 0.15G s vertical	
Ambient Temperature	-45° to 60°	
Relative humidity	0% to 100%	
Mechanical		
Antenna Optics	Ring-focus antenna	
Surface Accuracy	0.5mm(R. M. S)	
Azimuth Travel	360°	
Elevation Travel	0° to 90°	