

2.2M Tvro Antenna

- (1) Aluminum reflector
- (2) High in reflector precision
- (3) Both C-Band and Ku-Band are available
- (4) Fashionable design, easy installation and adjustment
- (5) Excellent in stability
- (6) Custom made product
- (7) Well in anti-corrosion
- (8) Both available are linear polarization and circular polarization
- (9) Both available are single and dual port

Tvro Antenna	2.2m Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
Isolation	35dB	
Insertion Loss	0.25dB	0.3dB
First Sidelobe	≤-14dB	
Feed Interface	WR229/F	WR75/F
-3dB Beamwidth	2.42°	0.81°
Gain	36.63dB	46.10dB
	(F=3.8GHz)	(F=11.8GHz)
VSWR	1.3:1	
Sidelobe Level	52-10lg(D/λ)-25lgθ	32-25 lgθ
	2°≤θ≤ 20°	2°≤θ≤ 20°
Noise Temperature	36°K@10°	48°K@10°
Environmental		
Wind Loading	45mph 72kmph operational (Maintain Precision)	
	60mph 97kmph operational (Decrease Precision)	
	125mph 200kmph Survival (Fixed Heavenward)	
Relative Humidity	0%~100%	
Temperature	-45~50°C	
Seismic(survival)	0.3Gs horizontal 0.15 Gs vertical	
Mechanical		
Antenna Optics	Prime-focus antenna	
Elevation Adjustment	0°to 90°Continuous Fine Adjustment	
Azimuth Adjustment	0°to 360°Continuous Fine Adjustment	