

# 1.2M Tvro Antenna

- 1) Fashionable design,easy installation and adjustment
- 2) Strong in anti-corrosion
- 3) Well in stability
- 4) High in reflector precision
- 5) Monolithic reflective panel
- 6) Both available are C-Band and Ku-Band
- 7) Custom made product

Antenna	1.2m Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
Isolation	33dB	
Feed Interface	F-type	WR75F
First Sidelobe	≤-14dB	
-3dB Beamwidth	4.44°	1.49°
Insertion Loss	0.25dB	0.3dB
VSWR	1.3:1	
Sidelobe Level	52-10lg(D/λ)-25lgθ 2°≤θ≤20°	
Gain	31.37dB	40.83dB
	(F=3.8GHz)	(F=11.8GHz)
Noise Temperature	35°K@10°	44°K@10°
Mechanical		
Elevation Adjustment	0°to 90°Continuous Fine Adjustment	
Azimuth Adjustment	0°to 360°Continuous Fine Adjustment	
Antenna Optics	Prime-focus antenna	
Environmental		
Seismic(survival)	0.3Gs horizontal 0.15 Gs vertical	
Wind Loading	72kmph operational (Maintain Precision)	
	97kmph operational (Decrease Precision)	
	200kmph Survival (Fixed Heavenward)	
Temperature	-45~50°C	
Relative Humidity	0%~100%	