

## 3.7M Tvro Antenna

- 1) Stretch formed aluminum reflector with high precision
- 2) Fashionable design, adjustment and easy installation
- 3) Strong in anti-corrosion
- 4) Both available are C-Band and Ku-Band
- 5) Both available are linear polarization and circular polarization
- 6) Both single and dual port are available
- 7) Strong in stability
- 8) Customized product

Antenna	3.7m Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
Isolation	35dB	
Insertion Loss	0.25dB	0.3dB
VSWR	1.3:1	
Gain	41.15dB (F=3.8GHz)	50.61dB (F=11.8GHz)
Noise Temperature	35° K@10°	49° K@10°
Sidelobe Level	32-251g θ	29-251g θ
	1° ≤ θ ≤ 20°	1° ≤ θ ≤ 20°
First Sidelobe	≤-14dB	
Feed Interface	WR229	WR75/F
-3dB Beamwidth	1.44°	0.484°
Mechanical		
Elevation Adjustment	10° to 90° Continuous Fine Adjustment	
Antenna Optics	Prime-focus antenna	
Azimuth Adjustment	motorized ±85° Continuous Adjustment (detach into three grade)	
	manual 0° to 360° Continuous Fine Adjustment	
Environmental		
Wind Loading	45mph 72kmph operational (Maintain Precision)	
	60mph 97kmph operational (Decrease Precision)	
	125mph 200kmph Survival (Fixed Heavenward)	
Seismic (survival)	0.3Gs horizontal 0.15 Gs vertical	
Relative Humidity	0%~100%	
Temperature	-45~50° C	