

1.8M Tvro Antenna

- (1) Both single port and dual port are available
- (2) Stylish design, easy to install and adjust
- (3) Both C-Band and Ku-Band are available
- (4) Good in anti-corrosion
- (5) High-precision aluminum reflecting surface
- (6) Both linear polarization and circular polarization are available
- (7) Custom tailor product
- (8) Strong in stability

Antenna	1.8m Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
Isolation	35dB	
Feed Interface	WR229/F	WR75/F
VSWR	1.3:1	
Gain	34.89dB	44.35dB
	(F=3.8GHz)	(F=11.8GHz)
-3dB Beamwidth	2.96°	0.99°
Insertion Loss	0.25dB	0.3dB
First Sidelobe	≤-14dB	
Sidelobe Level	$52-10\lg(D/\lambda)-25\lg\theta$	$32-25\lg\theta$
	$2^\circ \leq \theta \leq 20^\circ$	$2^\circ \leq \theta \leq 20^\circ$
Noise Temperature	38°K@10°	43°K@10°
Environmental		
Seismic(survival)	0.3Gs horizontal 0.15 Gs vertical	
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	
Mechanical		
Antenna Optics	Prime-focus antenna	
Elevation Adjustment	0°to 90°Continuous Fine Adjustment	
Azimuth Adjustment	0°to 360°Continuous Fine Adjustment	