

16M Tvro Antenna

- 1) Double reflectors
- 2) Stretch formed aluminum major reflector with high precision
- 3) Both C-Band, Ku-Band, S-Band and L-Band are available
- 4) Both linear polarization and circular polarization are available
- 5) Good in anti-corrosion
- 6) No field alignment required
- 7) Factory the the kingpost pedestal and feed system assembly, in order to reduce installation time
- 8) Wind maximum can be achieved 125 mph
- 9) Custom made product

Tvro Antenna	16 meter Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2	10.95-12.75
Isolation	35dB	
Feed Interface	CPR-229G	BJ120
VSWR	1.25:1	
Insertion Loss	0.25/0.3dB	0.3/0.40dB
Gain	54.21dB	63.71dB
Sidelobe Level	29-25 lgθ	
	1°≤θ≤20°	
First Sidelobe	≤-14dB	
-3dB Beamwidth	0.32°	0.107°
Environmental		
Operational Winds	45mi/h(72km/h)gusts to 60mi/h(97km/h)	
Relative humidity	0%~100%	
Seismic(survival)	0.3Gs horizontal 0.15 Gs vertical	
Survival Winds	125mi/h(200km/h)	
Ambient Temperature	-45~50°C	
Mechanical		
Antenna Optics	Dual reflector antenna	
Surface Accuracy	0.5mm(R.M.S)	
Azimuth Travel	0-360° Continuous Adjustment(detach into three grade)	
Elevation Travel	0°to 90°	