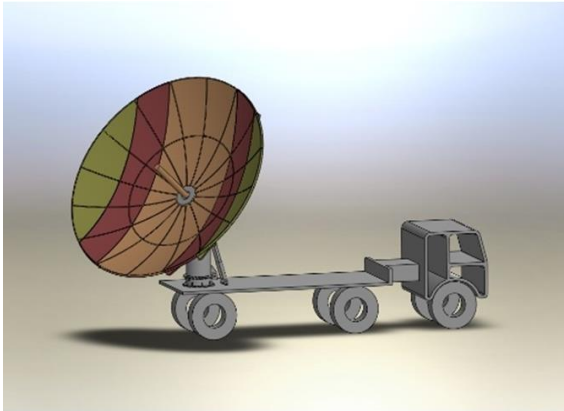


6.2m Foldable Vehicle-mounted Antenna



Features:

- Dual shape ring-focus design
- High gain and excellent sidelobe performance
- Well in anti-corrosion
- Excellent in stability

6.2m C/Ku-Band Foldable Vehicle-mounted Antenna Specifications

◆ R.F SPECIFICATIONS	C-Band		Ku-Band	
	RECEIVE	TRANSMIT	RECEIVE	TRANSMIT
1. Frequency (GHz)	3.625-4.2 3.4-4.2 ★	5.85-6.425 5.85-6.725 ★	12.25-12.75 10.95-12.75 ★	14-14.5 13.75-14.5 ★
2. Typical Gain (dBi)	46.3 at 3.8GHz	49.94 at 6.0GHz	56.32 at 12.5GHz	57.11 at 14.25GHz
3. VSWR	1.25:1	1.25:1	1.25:1	1.25:1
4. Beamwidth (-3dB)	0.796°	0.523°	0.251°	0.229°
5. Antenna Noise Temperature (K)	2/4 Port Feed		2/4 Port Feed	
10° Elevation	34K/39K		44K/52K	
20° Elevation	27K/32K		39K/47K	
40° Elevation	24K/29K		35K/43K	
6. Typical G/T at 20°EL	28.74/28.37dB/K (3.8GHz, 30K LNA)		35.94/35.63dB/K (12.5GHz, 70K LNA)	
7. Power Handling Capability	5KW/Port		1KW/Port	
8. Feed Interface	CPR-229	CPR-137	WR-75	WR-75
9. Feed Insertion Loss	0.25/0.3dB	0.2/0.25dB	0.3/0.4dB	0.25/0.35dB
10. Rx to Tx Isolation	≥85dB		≥85dB	
11. Axial Ratio (dB)	1.5/0.5dB	1.0/0.5dB		
12. Cross Pol Isolation				
On Axis	≥35dB		≥35dB	
13. Sidelobes	CCIR.580-6		CCIR.580-6	