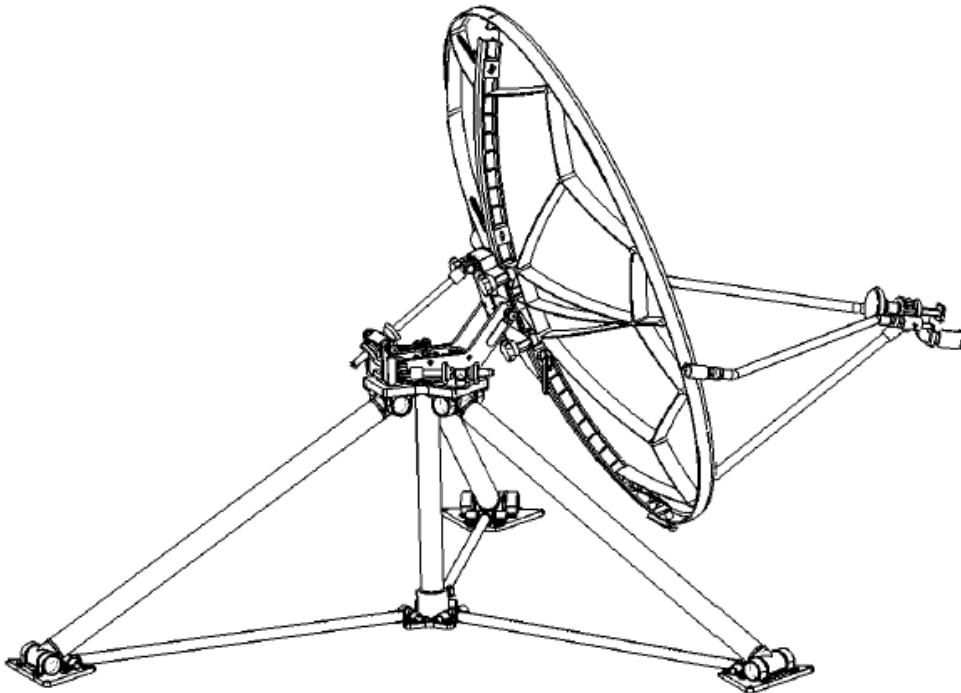
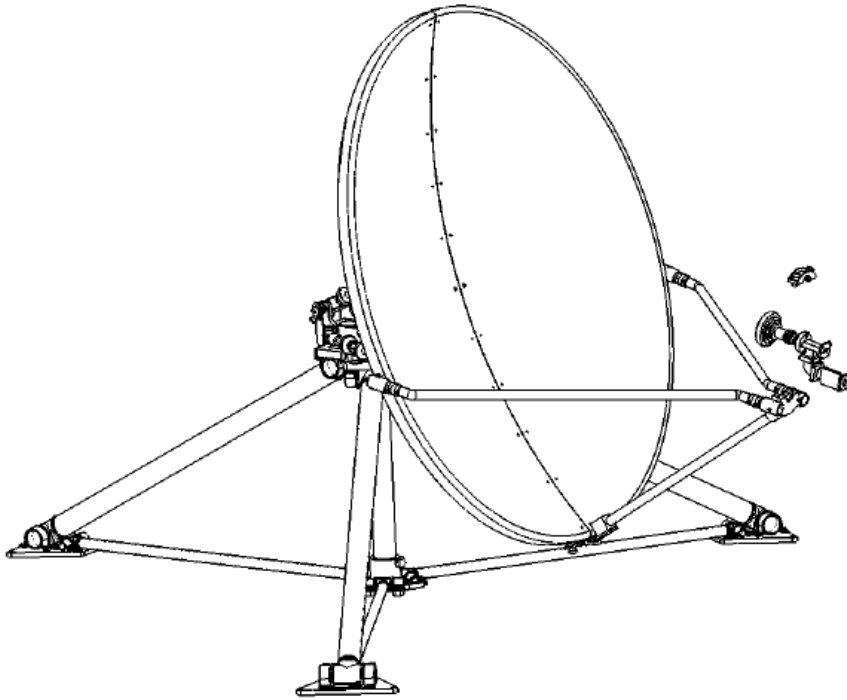


## 1.8M FIBER GLASS FLYAWAY ANTENNA



**Figure:**

- The antenna is shaped and assembled by four segment of fiber glass panels, with characteristics of large rigidity, light weight, high precision of profile.
- Stable tripod easy for carry, suitable for all terrain
- Quick deployed within 10 minutes
- Full C band and Ku band Linear feed, covering world wide spectrum application
- Designed for suitcase and packsack, easily carry and transport.

**1.8M FLYAWAY ANTENNA TECHNICAL SPECIFICATIONS**

<b>RF Specification</b>					
		C-Band		Ku-Band	
Antenna Diameter		1.8 M(71 in)			
Operating Frequency ,GHz		Receive	Transmit	Receive	Transmit
		3.400-4.200	5.850-6.725	10.70-12.75	13.75-14.50
Gain(±.2 dBi)		35.4 dBi @ 11.95	39.3 dBi @ 14.25	45.3 dBi @ 11.95	46.8 dBi @ 14.25
Polarization		Cross Pol			
3 dB Beam Width GHz		3.0° @ 12.0	2.0° @ 14.3	0.99° @ 12.0	0.79° @ 14.3
XPD ,dB		>30 ( On Axis )			
Antenna	10°Elevation	41K		43K	
Noise	20°Elevation	36K		28K	
Temperature	30°Elevation	33K		23K	
VSWR		1.4:1	1.3:1	1.5:1	1.3:1
Isolation ,dB		60	60	35	110
Feed Interface		CPR-229	CPR-137/N	WR-75	WR-75
<b>Mechanical Specification</b>					
Reflector material		Fiber Glass			
Antenna Type		Off-set			
Elevation Travel Range		10°-90°Continuous			
Azimuth Travel Range		360°Continuous			
Wind	Operational	80 km/h			
	Survival	200 km/h			
Temperature		-50°C – 80°C			
Relative Humidity		0 – 100%			
Solar Radiation		360 BTU/h/ft <sup>2</sup>			
Climatic conditions		Suitable for all kinds of weather conditions			