

## FLYAWAY ANTENNA ASL 1.2 MPA Ku Band

### Glass Fiber Manual Antenna



#### **Features:**

- Two pieces of fiber glass panels with tripod pedestal, with characteristics of large rigidity, light weight, high precision of profile.
- Stable tripod easy for carry, suitable for all terrain
- Quick deploy within 3 minutes for 1 person to guarantee good communication.
- Full C band and Ku band Linear feed, covering world wide spectrum application

# Antenna System Specification

Technical Specifications		
Specifications	Ku-receive	Ku-transmit
Frequency(GHz)	10.7-12.75	13.75-14.5
Typical Gain(dB)	41.8	42.8
VSWR	1.5:1	1.3:1
Beam width: -3dB	1.4 °	1.2 °
Power Handing Capability		1KW/Port
Feed Insertion	WR-75	
Feed Insertion Loss(dB)	0.25dB	0.25dB
Tx-Rx Isolation	80dB	
Cross Polarization Isolation	≥30dB	
Side Lobes	CCIR.508-4	
MECHANICAL&ENVIROMENTAL SPECIFICATIONS		
Antenna diameter	1.2m	
Antenna material	Fiber Glass	
Mounting time	Ten minutes （Two Persons）	
Drive mode	Manual	
Azimuth Travel	-15 °~ 15 °Fine adjust	
Elevation travel	7 °~85 °	
Polarization Travel	±90 °	
Surface Accuracy (R.M.S)	0.4mm	
Ambient Temperature	-50 °~+80 °	
Relative Humidity	0% ~ 100%	