



1.2m Flyaway antenna

- **6 pcs panels**
- **Ku-band, linear polarization**
- **High gain and excellent sidelobe Performance**
- **Tripod base mount**
- **Less than 5-minutes setup**
- **No tools required**
- **Two cases**

ELECTRICAL SPECIFICATION

	Ku-Band	
	Receive	Transmit
Operating Frequency, GHz	10.95~12.75	13.75~14.5
Gain, Mid-band, dBi	41.7	42.8
Polarization	Linear	
XPD (on Axis), dB	35	
XPD (across 1dB Beamwidth), dB	33	
VSWR	1.25	
Antenna Noise Temperature		
10° Elevation	44°K	
40° Elevation	35°K	
-3dB Beamwidth, Mid-band	1.25°	1.05°
Tx. Power Capability, KW		2
Feed Interface	WR-75	WR-75
Isolation, Tx to Rx, dB	85	
First Sidelobe	-14	
90% Peaks under Following Envelop	29-25logθ(10°≤θ<20°)	

MECHANICAL SPECIFICATION

Antenna Diameter	1.2 m
Antenna Type	Offset
Mount Type	El. over Az.
Antenna Pointing Range	
Azimuth	0°~360°(Continuous)
Elevation	10°~90° (Continuous)
Polarization	360° (Continuous)
Drive Mode	Manual

ENVIRONMENTAL SPECIFICATION

Operational Wind	32km/h
Survival Wind	40km/h
Temperature	-40°C~+60°C
Relative Humidity	100%