

0.9M Flyaway Antenna

High gain and excellent sidelobe performance

Quick assembly within 5 minutes

Packed in one case or backpack

Simple and robust structure

Flyaway Antenna	0.9M Flyaway Antenna			
Operating Frequency, GHz	C-Band		Ku-Band	
	Receive	Transmit	Receive	Transmit
	3.625~4.2	5.85~6.425	10.95~12.75	14.0~14.5
Gain, Mid-band, dBi	30.0	33.0	38.5	40.5
VSWR	1.25:1			
Feed Interface	CPR-229G	CPR-159G/137G	WR-75	WR-75
Beam Width			2.0deg	1.6deg
XPD (on Axis), dB	35	35	33	33
Feed Insertion Loss, dB	0.15	0.17	0.25	0.3
Isolation, Tx to Rx, dB	85		85	
Radiation Pattern:First Sidelobe	-14dB			
Mechanical Specification				
Polarization	360deg			
Finishes Reflector Surface	Aluminum panels with high-diffusing white paint			
Surface Accuracy (RMS)	Less than 0.3mm			
Azimuth	0-360deg			
Elevation	5-90deg			
Environmental Specification				
Relative Humidity	100%			
Survival Wind	56m/s			
Temperature	- 40Deg.c - + 60Deg.c			
Operational Wind	25m/s			

<http://www.antesky.com>