

1.8M Manual Flyaway Antenna (MF1800-A)



Highlight

- Single offset reflector antenna with 6 segments
- Carbon fiber reflector with light weight, high strength and two persons can finish the installation within 10 minutes.
- Easy acquisition without any training and tools;
- Fast and high-quality transmission at anytime and anywhere.
- Aluminum tripod support legs.
- Support C, X, Ku and Ka band as an option;
- Customer bands are available.
- Using at such industries as Broadcast & media, emergency & public safety, oil and gas etc.

Technical Specification

Model No		MF1800-A			
		C band	Ku band		
Operational Frequency	Tx	5.85~6.725 GHz	13.75~14.50 GHz		
	Rx	3.4~4.2 GHz	10.7~12.75 GHz		
Gain (Mid Band)	Tx	39.1+20lg(f/6.25) dBi	45.2+20lg(f/12.5) dBi		
	Rx	34.7+20lg(f/3.80) dBi	46.2+20lg(f/14.25) dBi		
Polarization		linear	linear		
CPI (On Axis, linear)		35 dB	35 dB		
VSWR		1.5	1.3		
Tx/Rx Isolation		85 dB	85 dB		
Power capability		1000W	400W		
Feed Interface	Tx	WR137	WR75		
	Rx	WR229	WR75		
Side Lobe		-14dB (first side lobe)			
Feed Type		Single offset			
Reflector aperture		1.8M			
Slew Range	Azimuth	360°			
	Elevation	0° ~85°			
	Polarization	±90°			
Weight		≤ 81.2Kg (without BUC, LNB, packaging and accessories etc.)	≤73Kg (without BUC, LNB, packaging and accessories etc.)		
Packing (Aluminum case)	C band 3 cases	Case		N. W	G. W
		Reflector : 650x550x350mm		30.5KG	48.5KG
		Turn table/tripod legs :1570x570x415mm		39.7KG	56.8KG
	Feed system:1680x420x420mm		11KG	21KG	
	Ku band 2 cases	Reflector/Feed: 1270x550x680mm		32.3KG	40.3KG
		Turn table/tripod legs: 1570x570x415mm		39.7KG	56.8KG
Operate Wind Loading		11m/s (balance weight)			
Survival Wind Loading		18m/s (balance weight)			
Temperature		-20℃~+60℃			
Relative Humidity		0-100%			