

FlyAway Carbon fiber manual flyaway 0.9 meter antenna system **MF900P-A1**



Product feature:

- Carbon fiber reflector with light weight, high strength and accuracy and R.M.S<0.3mm;
- Easy acquisition without training and tools;
- Azimuth & elevation angle adjustment realizes fast and fine tuning functions, it rapidly decreases the satellite acquisition period;
- Support C, X, Ku and Ka band;
- The products can be used at such industries as Broadcast & media, emergency & public safety, oil and gas etc.

Antenna system specifications		
Type	MF900P-A1	
Reflector aperture	0.9m	
Tx frequency	13.75~14.50 GHz	19.6~21.2
Rx frequency	10.95~12.75 GHz	29.5~31
Tx gain (dBi)	38.6+20lg(f/14.125)	42.0+20lg(f/20)
Rx gain (dBi)	37.6+20lg(f/11.85)	45.8+20lg(f/30)
Polarization feature	Linear	Circular
Feed interface	WR75	Rx: WR42 Tx: WR28
Cross polarization (Axis)	35 dB	
Rx/Tx isolation	85 dB	
Side lobe	-14 dB (first side lobe)	
Reflector type	Dual reflector, ring focus	
Backpack	Size : 650*550*350mm weight: 16Kg(without BUC)	
Slewing area	Azimuth	± 180°
	Elevation	10° ~90°
	Polarization	± 95°
Work wind load	18m/s(balance weight)	
Temperature	-40°C~+55°C	
Protection grade	IP65	
Humidity	0-98%	