

6.2 M Receive Only Antenna

Probecom can supply Satellite receive only antenna meet data receive and TV requirement. Probecom RXO antenna is made of high accuracy stretch-formed aluminum panel with stable structure. The RXO antenna systems with satisfactory performance of high gain, low side lobe and reliable operation, easy to operate and maintenance.

Options

- High Accuracy Stretch-formed Aluminum Panel
- Meet data receive and TV receive requirement
- C-band, ku-band, ka-band, S-band,L-band frequency as option
- Linear or Circular Polarized feed system as option
- Single/Dual Polarization as option
- Manual/Motorized as option
- High Erosion Resistance
- Assembled and tested feed system before leaving factory
- Survival Wind Speed125mph

Specification for 6.2m Rx antenna

Electrical Specification			
Type		6.2m Rx only antenna	
Operating Frequency, GHz		C-Band	Ku-Band
		Receive	Receive
		3.4~4.2	10.95~12.75
Gain, Mid-band, dBi		45.6	55.9
Polarization		Linear/Circular	Linear
VSWR		1.3	1.3
Isolation		> 30dB	> 30dB
Feed Interface		WR-229F	WR-75
Side lobe level		29-25lgè 1°≤è≤ 20°	
First side lobe		≤-14dB	
Mechanical Specification			
Antenna Diameter		6.2m	
Antenna Type		Ring Focus	
Surface Accuracy(RMS)		≤0.5mm	
Antenna Pointing Range	Azimuth Elevation Polarization	±75° 5°~90°(Continuous) ±90°(Continuous)	
Drive Mode		Manual or Motorized	
Motor Drive System	Azimuth Travel Rate Elevation Travel Rate	0.20°/S（0.04°/S） 1°/S	
Environmental Specification			
Operational Wind		79km/h gusting to 126km/h	
Survival Wind		198km/h	
Temperature		-40°~+60°	
Relative Humidity		100%	
Solar Radiation		1135Kcal/h/m²	
Seismic(Survival)		0.3g(H), 0.15g(V)	
Ice Loading		13mm Operational; 25mm Survival	