

2.5M C BAND TVRO(Linear/Circular POL)



General Description:

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

Highlight Features:

High Accuracy Stretch-formed Aluminum Panel
 Meet data receive and TV receive requirement
 High Erosion Resistance
 Assembled and tested feed system before leaving factory;
 Survival Wind Speed 125mph
 C-band, Ku-band, S-band, L-band frequency as option
 Linear or Circular Polarized feed system as option;
 Single/Dual Polarization as option

Technical Specification

Optional

Feed

Linear POL



Circular POL



LNBF(Linear POL)



Electrical Specification

Type	2.5m TVRO antenna	
Operating Frequency, GHz	C-Band	
	Receive	
	3.4~4.2	
Typical Gain, dBi	37.7 (F=3.8GHz)	
Polarization	Linear/Circular	
Axis Ratio, dB	3	
Feed Interface	CPR-229F or LNBF	
Port No.	2	

Mechanical Specification

Antenna Diameter	2.5m	
Antenna Type	Prime focus	
Antenna Pointing Range	Azimuth	0°~360°(Continuous)
	Elevation	0°~90°(Continuous)
	Polarization	±180°(Continuous)
Drive Mode	Manual	

Environmental Specification

Operational Wind	79km/h gusting to 126km/h	
Temperature	-40°~+60°	
Relative Humidity	100%	
Solar Radiation	1135Kcal/h/m ²	
Seismic(Survival)	0.3g(H), 0.15g(V)	