

## 3.5M 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

#### Electrical Specification

Type	3.5m TVRO antenna	
Operating Frequency, GHz	C-Band	
	Receive	
	3.4~4.2	
Typical Gain, dBi	40.6 (F=3.8GHz)	
Polarization	Linear/Circular	
Axis Ratio, dB	3	
Feed Interface	CPR-229F or LNBF	
Port No.	2	

#### Mechanical Specification

Antenna Diameter		3.5m
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 <sup>2</sup>
Seismic(Survival)	0.3g(H), 0.15g(V)

### Feed

#### Linear POL



#### Circular POL



### LNBF(Linear POL)

