

4.5M 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

Electrical Specification		
Type		4.5m TVRO antenna
Operating Frequency, GHz		C-Band
		Receive
		3.4~4.2
Typical Gain, dBi		42.8(F=3.8GHz)
Polarization		Linear/Circular
Axis Ratio,dB		3
Feed Interface		CPR-229F or LNBF
Port No.		2
Mechanical Specification		
Antenna Diameter		4.5m
Antenna Type		Prime focus
Antenna Pointing Range	Azimuth Elevation Polarization	0°~360°(Continuous) 0°~90°(Continuous) ±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/m²
Seismic(Survival)		0.3g(H), 0.15g(V)

Optional

Feed

Linear POL



Circular POL



LNBF(Linear POL)

