4.5M KU 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 Speed125mph
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		Ku-Band
		Receive
		10.7~12.75
Typical Gain, dBi		52.3(F=11.8GHz)
Polarization		Linear/Circular
Axis Ratio, dB		3
Feed Interface		WR-75 or LNBF
Port No.		2
Mechanical Specification		
Antenna Diameter		4.5m
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/m²
Seismic(Survival)		0.3g(H), 0.15g(V)

Optional

Feed

Linear POL

Circular POL

LNBF(Linear POL)

www.probecom.cn

Address: 20th Floor,Building C Jinqiao International Plaza, 50# Keji Road, High-Tech Development Zone, Xi'an, China 710075
Tel: +86-29-83115011 83115022 Fax: +86-29-83115033 E-mail: sales@probecom.com; sales@probecom.cn