3.7 Meter TVRO Antenna

- Aside from 3.7m tvro antennas, we produce other types of tvro antennas, such as 3.0m tvro antennas, 4.3m tvro antennas, 4.5m tvro antennas and so on.
- The stretch forming aluminum reflector is of high precision.
- Manual antennas and motorized antennas are available for your choice.
- You may either choose the c-band or ku-band for 3.7 meter tvro antenna.
- 3.7 meter tvro antenna has good anti-corrosive performance and can work stably for a long time.
- Please contact us if you are in need of any of our products. we can transport the products by sea, by air or by land.
- our 3.7 meter tvro antenna has a fashionable design and is easy to install and adjust.
- Their reliable performance and strong adaptability to the environment have been experienced by our customers in america, chile, brazil, bolivia, and more.
- Both linear and circular polarization is available for 3.7 meter tvro antenna.
- Single polarization and dual polarization are optional.

ELECTRICAL SPECIFICATION

Antenna	C-BAND	Ku-BAND
Frequency	3.625-4.2GHz	10.95-12.75GHz
VSWR	1.3:1	
Gain	41.15dB(F=3.8 GHz)	50.61dB(F=11.8GHz)
Sidelobe Level	32-25lgθ 1°≤θ≤ 20°	29-25lgθ 1°≤θ≤ 20°
Insertion Loss	0.25dB	0.3dB
Isolation	35dB	
Feed Interface	WR229	WR75
-3dB Beamwidth	1.44°	0.484°
First Sidelobe	≤-14dB	
Noise Temperature	35°K@10°	49°K@10°

MECHANICAL SPECIFICATION

Antenna Optics	Prime-focus antenna
Azimuth Adjustment	0°to 360°(continuous)
Elevation Adjustment	10°to 90°(continuous)
Temperature	-45°C ~50°C
Wind Loading	Operational: 45mph 72kmph 60mph 97kmph Survival : 125mph 200kmph
Relative Humidity	100%
Seismic(survival)	0.3G's horizontal 0.15 G's vertical

Antesky Science Technology Inc.

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