3.7Mts TVRO MULTI SATELLITE C-BAND ANTENNA

Multiple Satellite Feed System

- **Light Weight Structure Simplifying Your Logistic Transportation**
- **Excellent Option For Receiving Multiple Satellites Or Prime Focus**
- **Can receive satellites with spacing from 1 to 8 degrees**

3.7M TVRO C-Band Antenna is a parabolic aluminum multi-panel assembly that offers you a great option for optimizing your operations. With a reflector made of aluminum and designed on 12 segment petals gives an advantage when transportation and logistics cost reduction is an important factor in your project. The design assembly and parts are so simple, that this product can be build and started up by small crew of field engineers. Multiple Satellite Feed Systems is designed to be able to aligned satellites orientations from 2 to 8 degrees spacing, allowing to optimize broadcast solutions for your teleport outdoor space. Combining Multiple Satellite Feed System with dual pole C-Band and a 30db of cross pole isolation, it gives the best for receiving simultaneously horizontal and vertical polarization from the same satellite, this feature is available in circular polarization. Another feature it's the lightweight, rigid and durable plastic cover that will protect your electronics from U/V and high winds environment's, extending your electronics live. For all above, 3.7M TVRO C-Band Antenna is a great solution for your broadcast business.

Technical Specifications

Antenna type	Fixed, non-motorized
Operating Frequency	3.7 - 4.2 GHz
Mid-band Gain +/- 0.2dB	40.9 dBi
Operating Frequency	*4.5 – 4.8 GHz*
Mid-band Gain +/- 0.2dB	*41.8 dBi*
Elevation (EL) range	10 – 90 degrees
Azimuth (AZ) range	180 degrees minimum
Receive (RX) feed interface	Dual linear, CPR 229F, with flange hardware
Antenna Feed	Linear (Circular feed optional)
3dB Beam width	1.4° Nominal
Antenna Noise Temperature	
20° elevation 20°	25K
30° elevation 30°	23K
40° elevation 40°	
G/T	22.7 dB/k (20 deg LNB, at 20 degree) at 3.95GHz
Cross Pol, On-Axis	30dB Min
Construction	Galvanized Steel Construction
Antenna Reflector Material	Glass fiber or Aluminum Dish (solid reflector –no Mesh type antenna)
Wind Loading Operational	45 mph
Wind Loading Survival	125 mph (201km/h)
Temperature Operational	-4° to 140° (-20° to 60° C)
Temperature Survival	-22° to 160° (-30° to 71° C)
Rain Operational	1/2” /hr
Rain Survival	2” /hr
Atmospheric Conditions	Salt, Pollutants, and Contaminants as Encountered in Coastal and Industrial Areas
Solar Radiation	360 BTU/h/ft2
Mount	Non-penetrating or Penetrating

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