

3.7m C Band TVRO Antenna

Suman are the leading manufacturer of high grade Chinese satellite dishes. The company has a strong focus on research and development that has afforded Suman an exceptional reputation. Suman's practical design mantra has significantly reduced assembly time which results in measurable cost saving for the customer during installation.

Suman's 3.7m TVRO dish utilises a prime focus feed assembly to maximise performance whilst balancing complexity. This model dishes primary advantage over other manufacturers is the performance of the reflector which is a result of the high accuracy manufacturing technique that forms the parabola. The reflector is then laser cut into eight panels for ease of installation and shipping. The reflector is made from Aluminium supported with a galvanised steel hub, mounting hardware is stainless and galvanised steel extending the operational life of the antenna beyond its competitors. The 3.7m dish is also supplied with a hot dip galvanised pedestal mount.

SATELLITE SPECIFICATIONS

Cat # D1905

Parameter	Value
Antena type	Fixed, not-motorized
Elevation (EL) range	10-90 degrees
Azimuth (AZ) range	180 degrees minimum
Operating Frequency	3.4-4.2 GHz
Antenna Feed	Linear (circular optional)
Mid-band Gain +/- 0.2dB	40.9 dBi
3dB Beam-width 3dB	1.4° Nominal
Antenna Noise Temperature	
20° elevation	25K
30° elevation	23K
G/T	22.7 dB/K (20deg LNB, at 20 degree) at 3.95GHz
Cross Pol, On-Axis	27dB Min
Mount Construction	Galvanised Steel
Antenna Reflector Material	12 Aluminium Panels

Parameter	Value
Wind Loading Operational	72 km/h
Wind Loading Survival	201 km/h
Atmospheric Conditions	
Salt, Pollutants and Contaminants as Encountered in Coastal and Industrial Areas	
Solar Radiation	360 BTU/h/ft2
Mount	Pedestal



PACKAGE INFORMATION

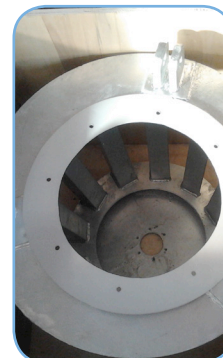
Reflectors	100 x 80 x 21 x 80 cm	100 kgs	Wood Carton
Kingpost and Beam	52 x 59 x 165.5 cm	120 kgs	Wood Carton
Hub	66 x 63 x 66 cm	73 kgs	Wood Carton



Reflector Package



Hub Package



Kinpost Package

