



Suman are the leading manufacturer of high grade 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.

The Suman 2.4m C Band Satellite Dish is a six panel aluminium construction satellite dish optimised for reception of C Band. The Suman 2.4m C Band satellite 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 six panels for ease of installation and shipping. The reflector is made from steel supported with powder-coated steel ribs and galvanised steel hub, mounting hardware is stainless and galvanised steel extending the operational life of the antenna beyond its competitors.

Another benefit of the Suman range of antennas is that they are supplied with a hot dip galvanised pedestal mount, unlike other manufactures the pedestal mount is not an additional cost.

Parameter	
Wind Loading Operational	75km/h
Wind Loading Survival	180km/h

Satellite Dish Specifications

cat# D1802

Parameter	Value
Antenna Size	2.4m
Elevation (EL) range	5 - 75°
Azimuth (AZ) range	360°
Operating Frequency	3.4 - 4.2GHz
Antenna Feed	Prime Focus Tri Arm Support
Mid-band Gain +/-	38 dBi (+/- 0.2)
Feedhorn	Linear 2 port OMT with CPR 229F
Antenna Noise Temperature:	
20° elevation	25K
30° elevation	23K
G/T	22.7dB/K 20° INB@20° elevation @3.95GHz
Mount Construction	Galvanised Steel
Sidelobe	Performance - Meets ITU-RS-580 - First Sidelobe >14dB



PACKAGE INFORMATION

Reflectors	140 x 140 x 20cm - 80kg
Kingpost	140 x 40 x 40cm - 105kg
Ribs	55 x 52 x 45cm - 23kg

