

(14ft) C/Ku-Band polar mount prime focus mesh satellite dish

Specification	Value
Antenna Construction	
Material	Aluminum Mesh
Hole size	0.06" (1.5mm)
Panels	8
Rib size	1" (2.54cm) sq.
Feed Support Struts	4
Panel Brace Support Rods	8
Strut Length	76.5" (194.3cm)
Strut Mount	15" (38.1cm) from rim on panel face
Aperture Diameter (inner)	160" (406cm)
Focal Length	59.0" (149.9cm)
F/D Ratio	0.37
Finish	Polyester Powder Coating
Color	Black / Glossy Black
Weight	192 lbs
Performance	
C-Band Gain(@4.2GHz)	44.9dBi (Typ)
Ku_band Gain(@12.2GHz)	53.6dBi (Typ)
C-Band Mainlobe Beamwidth	1.1°
Ku-Band Mainlobe Beamwidth	0.30°
Mounting	
Mounting Type	Polar Mount
Polar Frame Size	42" (106.7cm) diameter x 12" (30.5cm) deep
Elevation Angle Range	0° to 90°
Azimuth Range	0° to 360°
Declination Adjustment	0° to 10°
Recommended Pole Dimension	5"~5.25" (127mm~133mm)
Environment	
Operational Winds	90km/h
Survival Winds	150km/h
Ambient Temperature	-50°C to +60°C

Relative Humidity	0~100%
Shipping Details	
Box 1 (Double Mount)	44"x44"x12" Rectangular (125 lbs)
Box 2 (Panels)	84"x54"x12" Pie (116 lbs)

