

(12ft) 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 Rods	4
Strut Length	63.5" (161.3cm)
Strut Mount	20" (50.8cm) from rim on panel face
Aperture Diameter (inner)	139" (353.1 cm)
Focal Length	51.0" (129.5cm)
F/D Ratio	0.37
Finish	Polyester Powder Coating
Color	Black / Glossy Black
Weight	175 lbs
Performance	
C-Band Gain(@4.2GHz)	42.8dBi (Typ)
Ku_band Gain(@12.2GHz)	51.1dBi (Typ)
C-Band Mainlobe Beamwidth	1.5°
Ku-Band Mainlobe Beamwidth	0.40°
Mounting	
Mounting Type	Polar Mount
Polar Frame Size	40" (101.6cm) diameter
Elevation Angle Range	0° to 90°
Azimuth Range	0° to 360°
Declination Adjustment	0° to 10°
Recommended Pole Dimension	4"~4.5" (102mm~115mm)
Environment	
Operational Winds	90km/h
Survival Winds	150km/h
Ambient Temperature	-50°C to +60°C
Relative Humidity	0~100%

Shipping Details	
Box 1 (Mount)	41"x41"x12" Rectangular (90 lbs)
Box 2 (Panels)	72"x54"x11" Pie (85 lbs)

