

(10ft) 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	59" (149.9cm)
Strut Mount	8.5" (21.6cm) from rim on panel face
Aperture Diameter (inner)	119" (302.3cm)
Focal Length	46.0" (116.8cm)
F/D Ratio	0.385
Finish	Polyester Powder Coating
Color	Black / Glossy Black
Weight	125 lbs
Performance	
C-Band Gain(@4.2GHz)	40.3dBi (Typ)
Ku_band Gain(@12.2GHz)	48.3dBi (Typ)
C-Band Mainlobe Beamwidth	1.75°
Ku-Band Mainlobe Beamwidth	0.55°
Mounting	
Mounting Type	Polar Mount
Polar Frame Size	34" (86.4cm) diameter
Elevation Angle Range	0° to 90°
Azimuth Range	0° to 360°
Declination Adjustment	0° to 10°
Recommended Pole Dimension	4.5"(114.3mm)
Strut Mount	8.5 inches (21.6cm) from rim on panel face
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)	37"x37"x7" Rectangular (65 lbs)
Box 2 (Panels)	62"x48"x11" Pie (60 lbs)

