

1.0m Quick Deploy Antenna



RF & Antenna Specifications	Ku Linear	
	Receive	Transmit
Frequency (GHz)	10.7 - 12.75	13.75 - 14.5
Antenna Gain*	39.3 @ 11.7 GHz	41.4 @ 14.25 GHz
Antenna Noise Temperature @ 10.7 GHz		
10° Elevation	66K	
20° Elevation	54K	
30° Elevation	52K	
Cross Polarization Isolation		
On Axis	>30 dB	>30 dB
within 1 dB Beamwidth	>25 dB	>26 dB
VSWR	<1.5:1	<1.2:1
Port to Port Isolation	>45 dB	>80 dB
Feed Interface	WR75	WR75
Sidelobe Performance		ITU-R S.580

Mechanical Specifications	
Antenna Optics	Offset, Prime Focus
Mount Type	Azimuth over Elevation
Elevation Adjustment	0° to 90°
Azimuth Adjustment	360° Continuous Fine Adjustment

Environmental Performance		
	Standard	Metric
Wind Loading	20 mph	32.2 km/h
Operational (No Ballast/Anchors)	30-45 mph gusts	48.3-72 km/h gust
Survival (w/Ballast/Anchors)	15° to 125°F	9.4° to 51.7°C
Operational Temperature	-45° to 140°F	-42.8° to 60°C
Survival Temperature	.5 in./h	1.3 cm/h
Rain	360 BTU/h/ft ²	1000 Kcal/h/m ²
Solar Radiation		



Durable Nylon backpack-style case with rollers and extension handle

**65 lbs./29.5 - kg
34 x 20 x 15 in. 86.40 x 50.80 x 38.10 cm**

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