



1.8 METER QUICK-DEPLOY

Heavy Duty Aluminum Reflector Available in 4 Pieces.
Manual Adjustment/Dual-Axis Motorized/Auto Locate

- Pre-assembled Tripod Base Mount w/Pull Pins
- Lightweight Cases for Easy Transportation
- 4-piece Aluminum Reflector
- C, Ku and X-Band Feed Systems Available
- Sturdy Boom Accommodates Outdoor Units
- Self-leveling Feet for Uneven Surfaces
- Azimuth and Elevation Hand Crank
- 10 Minute Setup

RF Specifications						
	Ku - Linear		C - Linear		C - Circular	
	Receive	Transmit	Receive	Transmit	Receive	Transmit
Frequency in GHz	10.7 - 12.75	13.75 - 14.5	3.625 - 4.2	5.85 - 6.425	3.625 - 4.2	5.85 - 6.425
Antenna Gain (dBi 0.2) (GHZ)	44.7 @ 11.72	46.7 @ 12.12	35.5 @ 3.91	39.6 @ 6.13	35.5 @ 3.91	39.6 @ 6.13
Antenna Noise Temperature (°K) @ 11.725 GHz						
10 ° Elevation	62		54		54	
20 ° Elevation	52		46		46	
30 ° Elevation	48		42		42	
Cross Polarization Isolation (dB)						
on axis	> 30.0	> 30.0	> 30.0	> 30.0	> 15.0	> 18.0
within 1dB beamwidth	> 22.0	> 26.0	> 22.0	>26.0	>15.0	> 18.0
Port to Port Isolation (dB)	> 45	> 80	> 60	> 85	> 60	> 85
Port Configuration	2 Port Cross Pol		2 Port Cross Pol		2 Port Cross Pol	

Wind Loading	Standard	Metric
Operational (No Ballast/Anchors)	25 mph	40 km/h
Operational (w/Ballast/Anchors)	45 mph	72 km/h
Survival (w/Ballast/Anchors)	90 mph	145 kmv/h
Temperature	-40° to 140°F	-40° to 60°C
Rain	.5 in./h	1.3 cm/h
Solar Radiation	360 BTU/h/ft2	1000 Kcal/h/m2

Environmental Performance		
Antenna Optics	Single Offset	
Mount Type	Elevation over Azimuth Tripod	
Elevation Adjustment	0° to 90° Continuous Fine Adjustment	
Azimuth Adjustment	+30° Fine, 360° Continuous	
Reflector Case	88 lbs./40 kg	11 x 44 x 43 in. 28 x 112 x 109 cm
Mount Case	156 lbs./71 kg	69 x 29 x 19 in. 175 x 74 x 48 cm

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