

1.5m Rx Only Antenna



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- Aluminum reflector
- high in reflector precision
- Optional C, Ku-Band
- Optional linear polarization and circular polarization
- Optional single and dual port
- fashionable design and accurate in adjustment.
- well in anti-corrosion
- excellent in stability

Customized orders are available

Technical Data:

ANTENNA	1.5m Rx only antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
VSWR	1.3:1	
Insertion Loss	0.25dB	0.3dB
Polarization Isolation	35dB	
Feed Interface	F	WR75/F
-3dB Beamwidth	3.55°	1.19°
Sidelobe Level	$52-10\lg(D/\lambda)-25\lg\theta$ $2^\circ \leq \theta \leq 20^\circ$	
First Sidelobe	$\leq -14\text{dB}$	
Gain	33.31dB	42.77dB

	(F=3.8GHz)	(F=11.8GHz)
Noise Temperature	36°K@10°	43°K@10°
Mechanical Data		
Antenna Optics	Prime-focus antenna	
Elevation Adjustment	0°to 90°Continuous Fine Adjustment	
Azimuth Adjustment	0°to 360°Continuous Fine Adjustment	
Environmental Data		
Wind Loading	45mph 72kmph operational (Maintain Precision)	
	60mph 97kmph operational (Decrease Precision)	
	125mph 200kmph Survival (Fixed Heavenward)	
Temperature	-45~50°C	
Relative Humidity	0%~100%	
Seismic capacity	0.3G's horizontal 0.15 G's vertical	