

1.8m 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	1.8m 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	WR229/F	WR75/F
-3dB Beamwidth	2.96°	0.99°
Sidelobe Level	C-Band: $52-10\lg(D/\lambda)-25\lg\theta$ $2^\circ \leq \theta \leq 20^\circ$	

	Ku-Band: 32-25lgθ 2°≤θ≤20°	
First Sidelobe	≤-14dB	
Gain	34.89dB	44.35dB
	(F=3.8GHz)	(F=11.8GHz)
Noise Temperature	38°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	