



Antesky Science Technology Inc.

Add: Zhongtian International Mansion, No.269 Taibai South Road Xi'an China

1.8M RECEIVE ONLY ANTENNA





SPECIFICATIONS

1.8M Receive Antenna System

ELECTRICAL SPECIFICATION

Antenna	C-BAND	Ku-BAND
Frequency	3.625-4.2GHz	10.95-12.75GHz
VSWR		1.3:1
Insertion Loss	0.25dB	0.3dB
Isolation		35dB
Feed Interface	WR229/F	WR75/F
-3dB Beamwidth	2.96°	0.99°
Sidelobe Level	52-10lg(D/λ)-25lgθ 2°≤θ≤20°	32-25lgθ 2°≤θ≤20°
First Sidelobe		≤-14dB
Gain	34.89dB	44.35dB
Noise Temperature	38°K@10°	43°K@10°

MECHANICAL SPECIFICATION

Antenna Optics	Prime-focus antenna
Elevation Adjustment	0°to 90° (continuous)
Azimuth Adjustment	0°to 360°(continuous)
Wind Loading	Operational: 45mph 72kmph 60mph 97kmph Survival : 125mph 200kmph
Temperature	-45~50°C
Relative Humidity	100%
Seismic(survival)	0.3G's horizontal 0.15 G's vertical



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