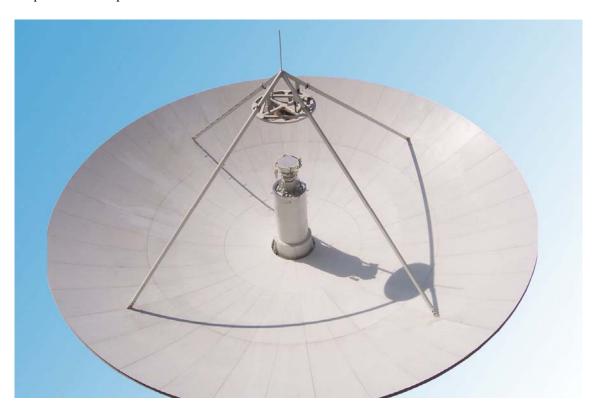
Add: Zhongtian International Mansion, No.269 Taibai South Road Xi'an China Tel: +86-29-88352448 Fax: 86-29-88352334 Email sales@antesky.com

13M Rx Only Antenna

Antesky Science Technology Inc. is a professional supplier for all kinds of earth station Tx/Rx and Rx antennas. These antennas have the features of superior performance with the diameter range from 1.2m to 16m. The reflector panel is made of aluminum with high precision. We can also supply C&Ku dual bands above 7.3m Rx antenna. Antesky can also customize the big antenna based on the customer's specific requirements. Hope to serve for the users all over the world.





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ELECTRICAL SPECIFICATION		
Diameter	13.0M	
Operating Frequency, GHz	C-Band	Ku-Band
	Receive	Receive
	3.625~4.2	10.95~12.75
Gain, Mid-band, dBi	53.17	62.28
VSWR	1.35:1	1.35:1
Beam Width:-3dB	0.37	0.12
Polarization	Linear/ Circular	Linear
Axis Ratio for circular Pol.	0.5dB	
Noise Temperature (° K) 2 port feed		
10°EL	50	70
Feed Interface	CPR-229G	WR-75
Feed Insertion Loss(dB)	0.37	0.12
Port Isolation	Isolation between ports for Linear Pol.≥30dBIsolation between ports for circular Pol.≥20dB	
XPD (on Axis), dB for LP	35	35
XPD across 1dB Beam Width, dB for LP	33	33
Radiation Pattern:First Sidelobe	CCIR.580-4	
MECHANICAL SPECIFICATION		
Antenna Type	Ring Focus Antenna	
Antenna Pedestal Type	Kingpost Pedestal	
Finishes		
Reflector Surface	Aluminum panels with high-diffusing white paint	
Pedestal & Back Structure	Hot dipped Galvanized	
Surface Accuracy (RMS)	≤0.35mm	
Azimuth	±85°	
Elevation	0°~90°	
Antenna Drive	Motorized drive	
ENVIRONMENTAL SPECIFICATION		
Operational Wind	45mi/h (72km/h) to 60mi/h (97Km/h)	
Survival Wind	125mi/h (200Km/h)	
Temperature	- 40°C ∼ + 60°C	
Relative Humidity	100%	
Solar Radiation	1135Kcal/ h/ m ²	



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Seismic (Survival)	0.3g (H), 0.15g (V)	
Snow	30mm	
Ice	25mm	