



<b>ELECTRICAL SPECIFICATION</b>		
<b>Diameter</b>		1.2m
<b>Operating Frequency</b>	Tx	13.75-14.5 GHz
	Rx	10.95-12.75GHz
<b>Gain</b>	Tx	> 42.5 dBi
	Rx	> 41.5 dBi
<b>Polarization</b>		Linear
<b>Cross Polarization</b>	Tx	> 30 dB
	Rx	> 30 dB
<b>VSWR</b>	Tx	1.25:1
	Rx	1.25:1
	Tx	1.2°

<b>3dB Beam Width</b>	Rx	1.38°
<b>Power</b>		100W
<b>Feed Interface</b>		WR75
<b>Rx/Tx Isolation</b>		Rx > 40dB, Tx > 85dB
<b>Sidelobe</b>		Azimuth 1-20° 29-25 log θ dBi First sidelobe < -20dB
<b>MECHANICAL SPECIFICATION</b>		
<b>Antenna Type</b>		Offset antenna
<b>Antenna material</b>		Carbon Fiber
<b>Weight</b>		≤35Kg
<b>Captured time automatically</b>		3min
<b>Travel Pointing Range</b>	Azimuth	± 100°
	Elevation	10°~ 90°
	Polarizaiton	±95°
<b>ENVIRONMENTAL SPECIFICATION</b>		
<b>Wind load operational</b>		11m/s (free standing unit) 20m/s (anchored unit)
<b>Work temperature</b>	<b>Indoor</b>	-40□ – +70□
	<b>Outdoor</b>	-20□ – +40□

