

**1.5m Ultra High Performance Antenna, Dual Polarized, 5.85~7.2GHz**
**Electrical Specifications**

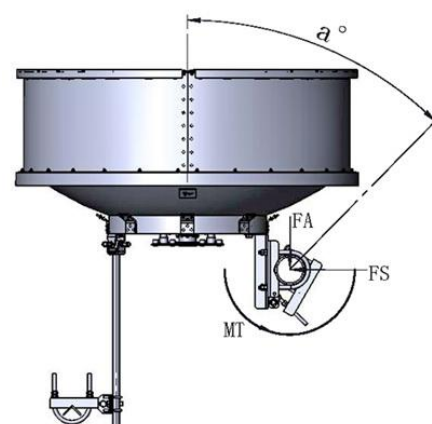
Frequency (GHz)	5.85~7.2
Polarization	H+V / $\pm 45^\circ$
Gain, Low (dBi)	37.5
Gain, Mid (dBi)	38.6
Gain, Top (dBi)	39.2
Beamwidth (deg)	1.8
Cross-Pol. Discrimination_XPD (dB)	30
F/B Ratio (dB)	50
ISO. (dB)	30
VSWR (max)	1.3

**Mechanical Specifications**

Diameter (m)	1.5
Antenna Color	RAL9016
Flange Interface	UDR84 or Customized
Radome Options	High-strength Compound Fabric
Azimuth Adjustment	Coarse : 360 ° Fine : $\pm 15^\circ$
Elevation Adjustment	Coarse : $\pm 10^\circ$ Fine : $\pm 10^\circ$
Diameter of Mounting Pole (mm)	$\Phi 51\sim\Phi 114$
Wind Velocity Survival Rating (km/h)	252
Wind Velocity Operational (km/h)	200
Ice-load (mm)	25.4
Operational Temperature (°C)	- 45~+60
Packaging	Wooden
L×W×H (mm)	1620x645x2150

**Wind Load Specifications**

Axial Force (FA) (N) @ survival wind speed	7170
Side Force (FS) (N) @ survival wind speed	2754
Twisting Moment (N•m) @ survival wind speed	3139


**SANNY TELECOM EQUIPMENT CO., LTD**

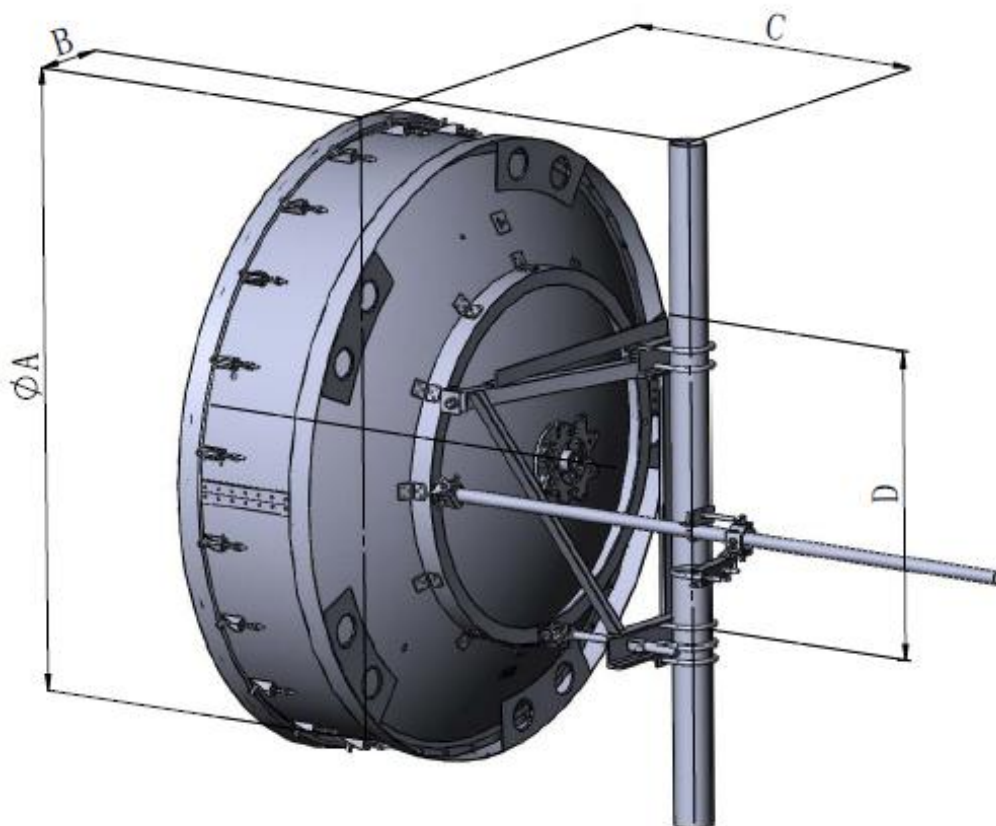
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Dimension in mm			
A	B	C	D
$\Phi 1560$	278	1025	965
<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. The values of B and C are measured at the pole diameter of 114mm</li> <li>2. The thickness of the radome is not included in the dimensions of A and C</li> </ol>			

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