

1.8m Ultra High Performance Antenna, Dual Polarized, 5.85~7.2GHz
Electrical Specifications

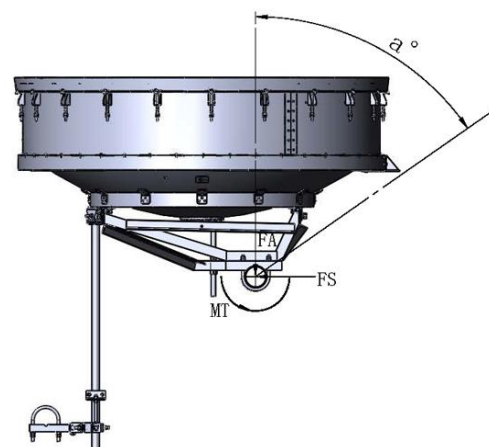
Frequency (GHz)	5.85-7.2
Polarization	Dual (V and H)
Gain, Low (dBi)	40.5
Gain, Mid (dBi)	41.3
Gain, Top (dBi)	41.8
Beamwidth (deg)	1.5
Cross-Pol. Discrimination_XPD (dB)	30
F/B Ratio (dB)	60
ISO. (dB)	35
VSWR (max)	1.3

Mechanical Specifications

Diameter (m)	1.8
Antenna Color	RAL9016
Flange Interface	UDR84 or Customized
Radome Options	High-strength Compound Fabric
Azimuth Adjustment	Coarse : 360 ° Fine : ± 5 °
Elevation Adjustment	Coarse : ± 5 ° Fine : ± 5 °
Diameter of Mounting Pole (mm)	Φ51~Φ114
Antenna Weight (KG)	173
Wind Velocity Survival Rating (km/h)	250
Wind Velocity Operational (km/h)	110
Ice-load (mm)	25.4
Operational Temperature (°C)	- 45~+65
Packaging	Wooden
L×W×H (mm)	2000 x 645 x 2150

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


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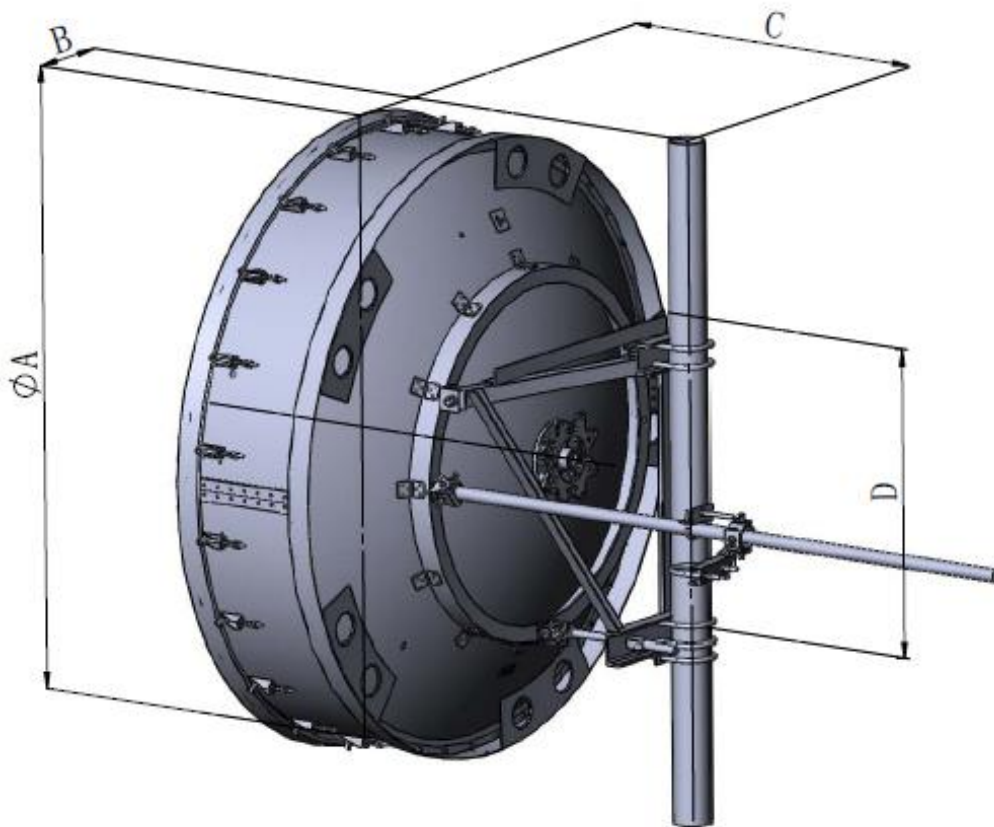
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Dimension in mm

A	B	C	D
$\Phi 1920$	278	1025	965

Note:

1. The values of B and C are measured at the pole diameter of 114mm
2. The thickness of the radome is not included in the dimensions of A and C

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