

0.9m Ultra High Performance Antenna, Dual-Polarized, 7.125~8.5GHz
Electrical Specifications

| | |
|--------------------------------------|----------------|
| Frequency (GHz) | 7.125~8.5 |
| Polarization | Dual (V and H) |
| Gain, Low (dBi) | 34 |
| Gain, Mid (dBi) | 34.8 |
| Gain, Top (dBi) | 35.7 |
| Beamwidth (deg) | 3.0 |
| Cross - pol. Discrimination_XPD (dB) | 30 |
| F/B Ratio (dB) | 60 |
| ISO. (dB) | 35 |
| VSWR (max) | 1.3 |

Mechanical Specifications

| | |
|--------------------------------------|-----------------------------|
| Diameter (m) | 0.9 |
| Antenna Color | RAL9016 |
| Flange Interface | UDR84 or Customized |
| Radome Options | UV-ABS |
| Azimuth Adjustment | Coarse : 360 ° Fine : ±15 ° |
| Elevation Adjustment | Coarse : ±25 ° Fine : ±15 ° |
| Diameter of Mounting Pole (mm) | Φ51~Φ114 |
| 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) | 1320x1080x480 |


Wind Load Specifications

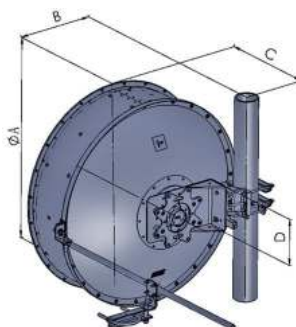
| | |
|---------------------------------------------|------|
| Axial Force (FA) (N) @ survival wind speed | 2184 |
| Side Force (FS) (N) @ survival wind speed | 923 |
| Twisting Moment (N•m) @ survival wind speed | 932 |

Dimension in mm

| A | B | C | D |
|-----|-----|-----|-----|
| 970 | 394 | 503 | 170 |

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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