

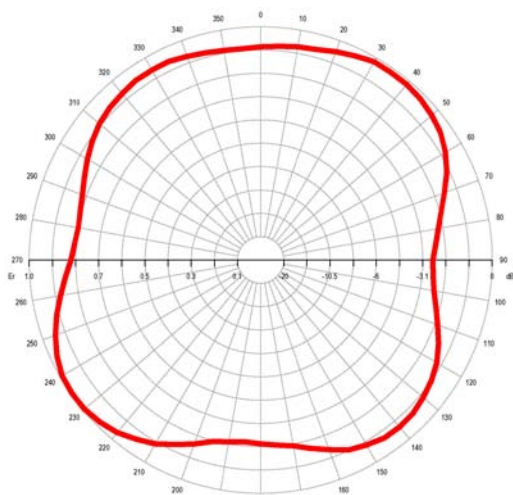


| <b>Electrical Features</b>   |  |
|------------------------------|--|
| <b>Working Band</b>          | 470~862 MHz  |
| <b>Bandwidth</b>             | UHF band IV/V  |
| <b>Gain</b>                  | Max 10.7 dBi   |
| <b>VSWR</b>                  | ≤ 1.12:1 (-25 dB)                                      |
| <b>Polarization</b>          | Horizontal   |
| <b>Half power Beam width</b> | E-Plane - 11°; H-Plane - 360°                          |
| <b>Power Handling</b>        | 2000W – 5000W  |
| <b>Lighting Protection</b>   | All metal parts DC grounded including inner conductors |
| <b>Connector</b>             | 7/8" for 200W or 1 5/8" for 5000W                      |

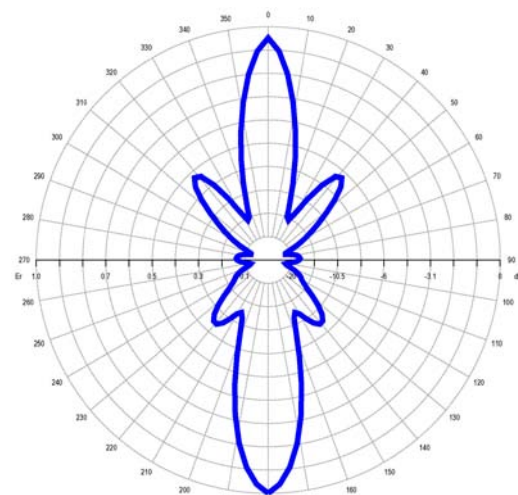


| <b>Mechanical Features</b>                             |  |
|--|--|
| <b>Materials</b>                                       | Aluminium, hot dip galvanized steel bracket  |
| <b>Mounting</b>  | Directly on supporting mast (60-114 mm) safety hoist hook  |
| <b>Mounting Bracket</b>                                | Included   |
| <b>Icing Protection</b>                                | ABS radome   |
| <b>Treatments</b>                                      | Bracket, covers and bolts in galvanized steel silver plated connector and lines, military norms treatment (MIL-C-5541) dipoles |
| <b>Antenna Dimensions</b>                              | 365x365x2360 mm  |
| <b>Weight</b>  | 43.5 Kg net  |
| <b>Wind Surface</b>                                    | 0.82 m <sup>2</sup> front - 0.82 m <sup>2</sup> side   |
| <b>Wind Load(at 160Km/h and 30° C air temperature)</b> | 67.50 Kg front - 67.50 Kg side   |
| <b>Survival Wind</b>                                   | 180Km/h  |
| <b>Packing Dimensions</b>                              | wooden cage (ISPM-15) 450x600x2500 mm - 80Kg   |

**Radiation Patterns:**



**H-Plane**



**E-Plane**

