

HF55-DPDISH-25

IO 5 GHz UBR Dual Polarised Dish Antenna, 25 dBi, with N(Male) connectors



Electrical Parameters

| | |
|-----------------------------|--|
| Frequency (MHz) | 4900 - 5900 |
| Gain (dBi) | 2 x 25 ± 0.5 |
| VSWR (Max) | 1.5 : 1 |
| H Plane BW (°) | 9±0.5 |
| E Plane BW (°) | 9±0.5 |
| Polarization | Linear V & H |
| Port to Port Isolation (dB) | > 30 |
| Max. Power Input (Watts) | 100 |
| Impedance (Ω) | 50 |
| Front to Back Ratio (dB) | > 30 |
| Cross Poln. (dB) | > 28 |
| Connector Termination | 2 x N(M) with 1 mtr 0.141 semirigid extended cable |
| Lightning Protection | DC Grounded |

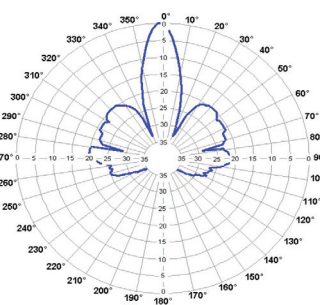
Environmental Limits

| | |
|------------------------|----------------------|
| Temperature Range (°C) | (-) 40 to (+) 70 |
| Wind Speed (km/hr) | 200 |
| Humidity | 95% No Condensation |

Mechanical Parameters

| | |
|-----------------------------|-----------------------------------|
| Dimension (mm) | Ø 450 |
| Antenna Material | Galvanized steel |
| Gross Weight (Kg) | 2.5±0.3 |
| Packing Dimension (in) | 14 X 14 X 6 |
| Mounting Hardware | Galvanized |
| Mounting Style | Pole |
| Mounting Pole Diameter (in) | 2 |
| Mounting Adjustment | H Plane ± 180° V Plane ± 15° |

Radiation Pattern



Ordering Information

| Model No. | Description |
|----------------|---|
| HF55-DPDISH-25 | IO 5 GHz UBR Dual Polarized Dish Antenna, 25 dBi, with N(Male) connectors |

Last Updated March 22, 2024