

MA-WA36-DP25

3.3-3.8 GHz High Gain Dual Polarized/ Dual Slant Antenna

MARS 3.5GHz High Gain Antenna is designed to provide full coverage for the 3.5 GHz frequency band.

Additional Features:

- Efficient and stable performance
- High gain/size ratio
- Durable construction
- UV protected radome made of polycarbonate allowing harsh weather installations



Specifications

Electrical

| | |
|--------------------------------|-------------------------------|
| Frequency range | 3.3-3.8 GHz |
| GAIN, typ. | 25 ± 1 dBi |
| VSWR, max. | 1.7 : 1 |
| Polarization | Linear, Vertical & Horizontal |
| Dual Pole | ±45° |
| Dual Slant (opt.) | |
| 3 dB Beam-Width, H-Plane, typ. | 8° |
| 3 dB Beam-Width, E-Plane, typ. | 8° |
| Side Lobes, min. | ETSI TS3 |
| Cross Polarization, min. | ETSI TS3 |
| Front to Back Ratio, min. | ETSI TS3 |
| Input power, max. | 10 Watt |
| Input Impedance | 50 Ohm |
| Lightning Protection | DC Grounded |

Mechanical

| | |
|--------------------|--|
| Dimensions (HxWxD) | 600 x 600 x 22 mm (23.5" x 23.5" x 0.86") |
| Weight | 4.7 kg. |
| Connector | 2 x N-Type Female |
| Back Plane | Aluminum; protected through chemical passivation |
| Radome | UV Protected, Polycarbonate |
| Mount | See ordering options |

Environmental

| | |
|-----------------------------|---|
| Operating Temperature Range | -40°C to +65°C |
| Vibration | According to IEC 60721-3-4 |
| Wind Load | 200 km/h (Survival) |
| Flammability | UL94 |
| Water Proofing | IP-67 |
| Humidity | ETS 300 019-1-4, EN 302 085 (Annex A.1.1) |
| Salt Fog | According to IEC 68-2-11 |

Ordering Options

| | |
|---------------|--|
| MA-WA36-DP25 | Antenna Suited for MNT-60A (optional wall/pole adjustable mount) |
| MA-WA36-DP25B | Antenna with MNT-60A mount |

Patterns are available on our website

Mars Antennas & RF Systems proprietary information

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