

## MA-WC25-2DS17

### 2.3-2.7 GHz 2 x Dual Slant Base Station Antenna, 65°

MARS MA-WC25-2DS17 is a DOUBLE Dual Slant (4X4) Base Station Antenna 65°

MA-WC25-2DS17 features:

- Efficient and stable performance with 17dBi of gain.
- Full 2.3-2.7 GHz band coverage.
- UV protected radome suitable for harsh environment installations.



## Specifications

### Electrical

|                                |                               |
|--------------------------------|-------------------------------|
| Frequency range                | 2.3-2.7 GHz                   |
| GAIN, typ.                     | 4 x 17 dBi                    |
| VSWR, max.                     | 1.7 : 1                       |
| Polarization                   | 2 x Dual Slant $\pm 45^\circ$ |
| 3 dB Beam-Width, H-Plane, typ. | 65°                           |
| 3 dB Beam-Width, E-Plane, typ. | 8°                            |
| Side Lobes, typ.               | -12 dB                        |
| Port to Port Isolation, min.   | -27 dB                        |
| Front to Back Ratio, typ.      | -30 dB                        |
| Input power, max.              | 50 Watt                       |
| Input Impedance                | 50 Ohm                        |
| Lightning Protection           | DC Grounded                   |

### Mechanical

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Dimensions (HxWxD) | 812 X 470 X 70 mm (31.9" X 18.5" X 2.7")        |
| Weight             | 5 kg.                                           |
| Connector          | 4 x N-Type, Female                              |
| Back Plane         | Aluminum protected through chemical passivation |
| Radome             | UV Protected Plastic                            |
| Mount              | MNT-25                                          |

### 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-65                                     |
| Humidity                    | ETS 300 019-1-4, EN 302 085 (annex A.1.1) |
| Salt Fog                    | According to IEC 68-2-11                  |
| Ice and Snow                | 25mm radial (survival)                    |

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