

MA-WA56-2DSV13AM with Enclosure & MK-EL30/31

5.1 – 5.9 GHz Subscriber Antenna 5MIMO



Specifications

Electrical

| | |
|-------------------------------|--|
| Frequency range | 5.1 – 5.9 GHz |
| GAIN, typ. | 5 x 13.5 dBi |
| VSWR, max. | 1.7 : 1 |
| Polarization | 2 x Dual Slant ($\pm 45^\circ$) & Linear, Vertical |
| 3dB Beam-Width, H-Plane, typ. | 35° |
| 3dB Beam-Width, E-Plane, typ. | 35° |
| Side Lobes, min. | -10 dB |
| Cross Polarization, typ. | -15 dB |
| Front to Back Ratio, min. | -20 dB |
| Port to Port Isolation, min. | -25 dB |
| Input power, max. | 10 Watt |
| Input Impedance | 50 Ohm |
| Lightning Protection | DC Grounded |

Mechanical

| | |
|--------------------|--|
| Dimensions (HxWxD) | 305 x 305 x 15 mm |
| Connector | 5 x Right Angle SMA ,Female |
| Weight | 840gr. (Without Enclosure) |
| Mounting | MNT-22 |
| Radome | UV Protected Polycarbonate |
| Enclosure-Large | 287 x287 x 68 mm (External dimension) |
| Back Plane | Aluminum protected through chemical passivation. |

Environmental

| | |
|-----------------------------|--|
| Operating Temperature Range | -55°C to +65°C |
| Vibration | According to IEC 60721-3-4 |
| Wind Load | 200 Km/h (Survival) |
| Flammability | UL-94 |
| 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 |

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