

MA-WA2458-MIMODP9 Preliminary

2.3-2.7 GHz and 4.9-6.1 GHz, 6 ports MIMO Dual Polarization Antenna

MARS Dual Band Directional, 6 Ports MIMO antenna provides coverage at 2.3-2.7GHz & 4.9-6.1GHz in a single antenna radome.

Additional Features:

- Simultaneous coverage of WiFi, WiMAX, WLAN, etc.
- Light weight and durable construction.
- UV protected radome made of plastic.



Specifications

Electrical

| | |
|---------------------------------|---|
| Frequency range | 2.3 - 2.7 GHz 4.9 - 6.1 GHz |
| Gain | 2 x 9 ± 1 dBi@2.3-2.7 GHz 4 x 9 ± 1 dBi@ 4.9 - 6.1 GHz |
| VSWR | 2.0: 1 max. ; 1.7: 1 typ. |
| Polarization | 3 x Vertical & 3 Horizontal |
| 3dB Beam-Width, Azimuth, typ. | 65° |
| 3dB Beam-Width, Elevation, typ. | 30° |
| Cross Polarization, typ. | -15 dB |
| Front to Back Ratio, min. | -25 dB |
| Port to Port Isolation, min. | -25 dB |
| Input power, max. | 10 Watt |
| Input Impedance | 50 Ohm |
| Lightning Protection | DC Grounded |

Mechanical

| | |
|--------------------|--|
| Dimensions (HxWxD) | 200 x 200 x 33 mm (7.9" x 7.9" x 1.25") |
| Connector | 6 X N-Type Female connectors |
| Weight | 600 gr.. |
| Radome | UV Protected Polycarbonate |
| Back Plane | Aluminum protected through chemical passivation. |
| Mount | MNT-23 |

Environmental

| | |
|-----------------------------|---|
| Operating Temperature Range | -55°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 |

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