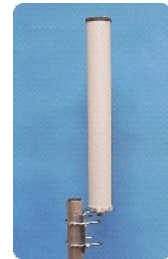


3.3-3.8 GHz Omni Directional Base Station Antenna

MA-WO36-10N

MARS 3.5 GHz Base Station Antenna provides a cost effective [jnz a. UV protected radome allowing for harsh environment installations. Antenna features stable performance with 9.5 dBi of gain.



Specifications:

Electrical

| | |
|--------------------------------|---------------------------------|
| Frequency range | 3.3 - 3.8 GHz |
| Gain, typ. | 9.5 dBi @3.4-3.8, 9 dBi@3.3-3.4 |
| VSWR, max. | 2:1 |
| 3 dB Beam-Width, H-Plane, typ. | 360 ° |
| 3 dB Beam-Width, E-Plane, typ. | 10 ° |
| Polarization | Linear Vertical |
| Input power, max | 50 Watt |
| Input Impedance | 50 Ohm |

Mechanical

| | |
|-------------------------|---------------------------------|
| Dimensions (HxDiameter) | 470 x 66 mm (18.5â€• x 2. 5â€•) |
| Weight | 350 gr. |
| Connector | N-Type, Female |
| Radome | UV Protected , Plastic |
| Mount | 2.5â€• PM (End) Attachment |

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) |
| Ice and Snow | 25mm radial (survival) |
| Salt Fog | According to IEC 68-2-11 |
| Service Life | >10 years |

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