

5GHz Base Station Antenna ideal for Tsunami® MP.11 5054 BSU

90° Broadband Sector Antenna provides a cost effective solution for large scale WLL, WLAN, H-LAN, ISM, UNII, Public Safety, Municipal MESH Networks and Point-to-Multi-Point applications

Features

- Stable performance with 16 dBi of gain
- Small size allowing for easy blending with any environment
- Tilt mount allowing for quick and easy installation
- UV protected radome suitable for harsh environment installations



| Technical Specifications | | | |
|--------------------------------|------------------------------|-----------------------------|---|
| ELECTRICAL | | MECHANICAL | |
| FREQUENCY RANGE | 4.9 – 6.1 GHz | DIMENSIONS (HXWXD) | 573 x 95 x 53 mm (22.6"x3.7"x2.1") |
| GAIN | 16 dBi | WEIGHT | 700 gr. |
| VSWR, MAX. | 1.8 : 1 | CONNECTOR | N-Type, Female |
| POLARIZATION | Linear, Vertical | BACK PLANE | Aluminum protected through chemical passivation |
| 3 DB BEAM-WIDTH, H-PLANE, TYP | 90° | RADOME | UV Protected, Plastic |
| 3 DB BEAM-WIDTH, E-PLANE, TYP. | 8° | MOUNT | MNT-22 |
| SIDE LOBES, min. | ETSI EN 302 085 V1.2.3 – CS1 | ENVIRONMENTAL | |
| CROSS POLARIZATION, min. | ETSI EN 302 085 V1.2.3 – CS1 | OPERATING TEMPERATURE RANGE | - 40°C to + 65°C |
| FRONT TO BACK RATIO, min. | ETSI EN 302 085 V1.2.3 – CS1 | VIBRATION | According to IEC 60721-3-4 |
| INPUT POWER, MAX | 50 Watt | WIND LOAD | 200 km/h (survival) |
| INPUT IMPEDANCE | 50 Ohm | FLAMMABILITY | UL94 |
| LIGHTNING PROTECTION | DC Grounded | 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) |
| | | SERVICE LIFE | >10 years |

Specifications subject to change without notice