

## MA-WA67-30

### 6.4-7.1 GHz High Gain Subscriber Antenna



## Specifications

### Electrical

|                                |             |
|--------------------------------|-------------|
| Frequency range                | 6.4-7.1 GHz |
| GAIN, typ.                     | 30 dBi      |
| VSWR, max.                     | 1.8 : 1     |
| Polarization                   | Vertical    |
| 3 dB Beam-Width, H-Plane, typ. | 4°          |
| 3 dB Beam-Width, E-Plane, typ. | 4°          |
| Side Lobes, typ.               | -12 dB      |
| Cross Polarization, typ.       | -29 dB      |
| Front to Back Ratio, min.      | -50 dB      |
| Input power, max.              | 10 Watt     |
| Input Impedance                | 50 Ohm      |
| Lightning Protection           | DC Grounded |

### Mechanical

|                    |   |
|--------------------|---|
| Dimensions (HxWxD) | 600 x 600 x 30 mm ( 23.5"x 23.5"x1.2")          |
| Weight             | 4.5 kg  |
| Connector          | N-Type, Female                                  |
| Back Plane         | Aluminum protected through chemical passivation |
| Radome             | UV Protected, Polycarbonate                     |
| Mount              | See ordering options                            |

### 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-67                                     |
| Humidity                    | ETS 300 019-1-4, EN 302 085 (annex A.1.1) |
| Salt Fog                    | According to IEC 68-2-11                  |

## Ordering Options

|             |   |
|-------------|---|
| MA-WA67-30  | Antenna Suited for MNT-60 (optional wall/pole adjustable mount) |
| MA-WA67-30B | Antenna with MNT-60 mount                                       |

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