

## MA-IS91-T3

### 915 MHz Subscriber Antenna

MARS 915 MHz small size panel antenna provides for coverage of the ISM 915 band under FCC part 15.

Additional Features:

- High gain/size ratio.
- Small and unobtrusive.
- New aesthetic and durable radome.
- Suitable for indoor and outdoor applications.



### Specifications

#### Electrical

Frequency range	902-928 MHz
GAIN, min.	8 dBi
VSWR, max.	1.5 : 1
Polarization	Linear, Vertical (Horizontal with MNT-22 Option)
3 dB Beam-Width, H-Plane, typ.	70°
3 dB Beam-Width, E-Plane, typ.	65°
Cross Polarization, min.	-17 dB
Front to Back Ratio, min.	-16 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

#### Mechanical

Dimensions (HxWxD)	230 x 214 x 31 mm ( 9.1" x 8.4" x 1.2")
Weight	520 gr.
Connector	N-Type, Female ( at the back plane)
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-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)

### Ordering Options

MA-IS91-T3 PM	Antenna with integral Pole Mount includes stainless steel brackets
MA-IS91-T3 MNT	Antenna Suited for MNT-22 (optional wall/pole adjustable mount)
MA-IS91-T3 MNTB	Antenna with MNT-22 mount

Patterns are available on our website

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