

MA-WA28-22

2.7-2.9 GHz Subscriber Antenna

- Exceptionally efficient performance.
- High gain/size ratio.
- Aesthetic design.
- Weatherized and durable.



Specifications

Electrical

Frequency range	2.7-2.9 GHz
GAIN, typ.	22 dBi
VSWR, max.	1.8 : 1
Polarization	Linear, Vertical
3dB Beam-Width, H-Plane, typ.	15°
3dB Beam-Width, E-Plane, typ.	10°
Side Lobes, min.	-12dB
Cross Polarization, min.	-25dB
Front to Back Ratio, min.	-35dB
Input power, max.	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	600 x 600 x 30 mm (23.5" x 23.5" x 1.2")
Connector	N-Type ,Female
Weight	4.7kg.
Mounting	See ordering options
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.

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

Ordering Options

MA-WA28-22	Antenna N-Type Female connectors Suited for MNT-60A mount
MA-WA28-22B	Antenna N-Type Female connectors with MNT-60A mount

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