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## 2.3-2.7 GHz Base Station Antenna, 60°

### MA-WC24-17

MARS 60° Base Station Antenna with 17 dBi of gain is light-weight yet has a robust and durable construction.

#### Antenna Features:

- quick and easy installation
- small, aesthetic and unobtrusive radome
- easily adapted to any RF connector
- easy mounting allows to obtain required downtilt degree

#### Applicable Applications:

- Point-to-Multi-Point Systems
- for WLL applications
- MMDS
- ISM applications



<b>Specifications:</b>	
<b>Electrical</b>	
Frequency range	2.3 - 2.7 GHz
Gain, typ.	17 dBi
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	60 °
3 dB Beam-Width, E-Plane, typ.	8 °
Side Lobes, min.	-13 dB
Polarization	Linear Vertical
Cross Polarization, min.	-20 dB
Front to Back Ratio, min.	-24 dB
Input power, max	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<b>Mechanical</b>	
Dimensions (HxWxD)	800x 120 x 65 mm (31.5"x4.7"x2.6")
Weight	1.2 kg
Connector	N-Type, Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected, Plastic
Mount	MNT-5
<b>Environmental</b>	
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	25 mm radial (survival)
Salt Fog	According to IEC 68-2-11
Service Life	> 10 years
<b>Standard Compliance</b>	
ETSI EN 301 525 v1.1.1	

Specifications subject to change without notice