

**4.9-6.1 GHz Dual Slant Base Station Antenna, 60°**

**MA-WC55-DS17**

MARS Dual Slant ±45 degrees 60° sector

features:

- Full 4.9-6.1 GHz Band coverage
- High Isolation
- Compact size
- Optional Azimuth and Elevation Adjustable mount.
- Square shape



**Specifications:**

<b>Electrical</b>	
Frequency range	4.9 - 6.1 GHz
GAIN, typ.	17 dBi
VSWR, max.	1.7 : 1
Polarization	Dual Slant ±45°
3 dB Beam-Width, H-Plane, typ.	60°
3 dB Beam-Width, E-Plane, typ.	8°
Front to Back Ratio.	-25 dB
Port to Port Isolation	-30 dB
Input power, max	20 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<b>Mechanical</b>	
Dimensions (HxWxD)	370 x 370 x 40 mm (14.5"x 14.5"x 1.6")
Weight	1.8 kg
Connector	2 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected Plastic
Mount	MNT-22
<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-67
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)

Specifications subject to change without notice