MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

MA-WC35-2DS17

3.2 - 4.1 GHz 2 x Dual Slant Base Station Antenna, 65°



MARS wideband sector antenna provides coverage of 3.2-4.1 GHz with double dual slant (±45°) in a single antenna radome.

Additional Features:

- Wide coverage.
- Total 4 outputs.

Specifications

Electrical	
Frequency range	3.2-4.1 GHz
GAIN, typ.	4 x 17 dBi
VSWR, max.	<2: 1
Polarization	2 x Dual Polarized ±45°
3 dB Beam-Width, H-Plane, typ.	65°
3 dB Beam-Width, E-Plane, typ.	8°
Side Lobes, typ.	-12 dB
Front to Back Ratio.	-30 dB
Port to Port Isolation, typ.	-30 dB
Input power, max	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	573 X 360 X 60 mm (22.6" X 14.2" X 2.4")
Weight	1.86 kg.
Connector	4 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected Plastic
Mount	MNT-60
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-WC35-2DS17	Antenna Suited for MNT-60A (optional wall/pole adjustable mount)
MA-WC35-2DS17B	Antenna with MNT-60A mount

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3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel
Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com