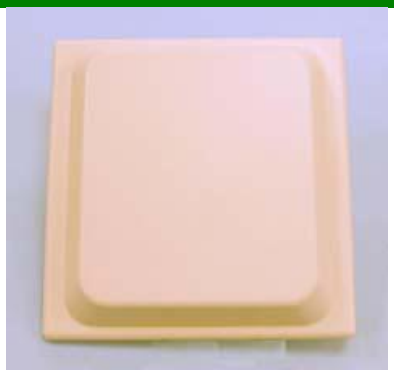
MARS ANTENNAS & RF SYSTEMS LTD.

MA-WA65-DP19

6-7 GHz Dual Polarization Subscriber Antenna



MARS 6-7 GHz Dual Polarized subscriber Antenna designed to provide full coverage for the 6 GHz frequency band.
Additional Features:

- Efficient and stable performance.
- High gain/size ratio.
- Light weight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.

Specifications

Electrical	
Frequency range	6-7 GHz
GAIN	19 ± 1 dBi
VSWR, max.	1.7 : 1
Polarization — Dual Pole	Linear, Vertical & Horizontal
Polarization — Dual Slant (opt.)	Dual Slant ± 45°
3 dB Beam-Width-Azimuth, typ.	16°
3 dB Beam-Width-Elevation,typ.	16°
Side Lobes, typ.	-10 dB
Cross Polarization, min.	-15 dB
Front to Back Ratio, min.	-30 dB
Port to Port Isolation, min.	-30 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	200 x 200 x 33 mm (7.9" x 7.9" x 1.25")
Connector	2 x N-Type, Female
Weight	380 gr.
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-WA65-DP19	Antenna 2 x N-Type Female connectors Suited for MNT-23 mount
MA-WA65-DP19B	Antenna 2 x N-Type Female connectors with MNT-23 mount

3 Hamanor st. Holon 58861, P.O.Box 5 AZOR 58008, Israel
Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com