MA-WA48-DP19

4.4-5.3 GHz Dual Polarization / Dual Slant Subscriber Antenna

Antenna Features:

- Dual slant if mounted diagonally.
- Efficient and stable performance.
- High gain/size ratio.
- Light weight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.
- Easy mounting allowing Az/El adjustment and 45deg. turn installation.

Specifications

Electrical	
Frequency range	4.4-5.3 GHz
GAIN, typ.	19±1 dBi
VSWR, max.	1.7:1
Polarization	Linear, Vertical & Horizontal
3 dB Beam-Width, Azimuth Plane, typ.	18°
3 dB Beam-Width, Elevation Plane, typ.	18°
Side Lobes, typ.	-12dB
Cross Polarization, typ.	-15dB
Front to Back Ratio, typ.	-35dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	200×200×40 mm
Connector	2× N-Type Female
Weight	400 gr.
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected Polycarbonate
Mount	See Ordering Options
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

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