

4.9-6.1 GHz Dual Polarization Subscriber Antenna

MA-WA56-DP19IF

Specifications:

Electrical		
Frequency range	4.9 - 5.875 GHz	5.875 - 6.1 GHz
GAIN, (without cable)	19 ± 1 dBi	19 ± 1 dBi
VSWR, max.	1.7 : 1	2 : 1
Polarization	Dual Pole Linear, Vertical & Horizontal	
3 dB Beam-Width, H-Plane, typ.	16°	
3 dB Beam-Width, E-Plane, typ.	16°	
Side Lobes, min.	ETSI TS2	
Cross Polarization, min.	- 16 dB (-20 dB typ.)	
Port to Port Isolation, min.	- 25 dB (-30 dB typ.)	
Front to Back Ratio, min.	ETSI TS2	
Input power, max	10 Watt	
Input Impedance	50 Ohm	
Lightning Protection	DC Grounded	
Mechanical		
Dimensions (HxWxD)	202 x 202 x 33 mm	
Connector	2 x Pigtail UFL	
Weight	320 gr.	
Radome	UV Protected Polycarbonate	
Mounting	Provision for InFinet radio	
Environmental		
Operating Temperature Range	- 55°C to + 65°C	
Vibration	According to IEC 60721-3-4	
Wind Load	200 Km/h (Survival)	
Flammability	UL94	
Humidity	ETS 300 019-1-4,EN 302 085 (Annex A.1.1)	
Salt Fog	According to IEC 68-2-11	