

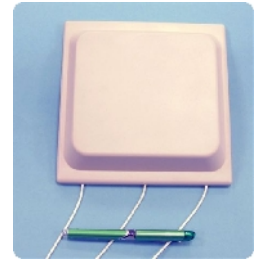
2.3-2.7 GHz & 4.9-6.1 GHz Dual Band MIMO Applications Sector Antenna, 120°

MA-WE2458 -3H

MARS Dual Band Sector antenna provides coverage of 2.3 to 2.7 GHz & 4.9 to 6.1 GHz in a single antenna radome.

Additional Features:

- simultaneous coverage of 802.11 a,b,e,g,n,WiMAX & 4.9 GHz Public Safety Bands
- light weight and durable construction.
- UV protected radome made of plastic



Specifications:

Electrical

Frequency range	2.3 - 2.7 GHz	4.9 - 6.1 GHz
Gain, typ.	5 dBi x3	5 dBi x3
VSWR, max.	2:1 (typ. 1.5:1)	2:1 (typ.1.5:1)
3 dB Beam-Width, H-Plane, typ.	120 °	120 °
3 dB Beam-Width, E-Plane, typ.	70 °	70 °
Polarization	Vertical and 2 x Dual Slant $\hat{A}\pm 45\hat{A}^\circ$	
Input power, max	20 Watt	
Input Impedance	50 Ohm	

Mechanical

Dimensions	200 x 200 x 33 mm (7.9" x7.9" x 1.25")	
Weight	260 gr.	
Connector	3 x Coaxial Cable RG 316 with RPSMA	
Back Plane	Aluminum; protected through chemical passivation	
Radome	UV Protected Plastic	
Mount	Wall Mountable or See Ordering Options Below	

Environmental

Operating Temperature Range	- 40°C to + 70°C	
Vibration	According to IEC 60721-3-4	
Flammability	UL94	
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)	
Service Life	>10 years	

Ordering Options

Antenna 3x Coaxial Cable RG 316 with RPSMA, wall mountable	MA-WE2458 -3H
Antenna 3x Coaxial Cable RG 316 with N-Type male with provision for Az/El adjustable mount MNT-22	MA-WE2458 -3H 2
Antenna 3x Coaxial Cable RG 316 with N-Type male with mount	MA-WE2458 -3H 2B

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