

## 2.4-2.5 GHz & 5.15-5.875 GHz Dual Band Small Sector Antenna, 60°

### -MA-WC2458 -2H

MARS Dual Band Sector antenna provides coverage of 2.4 to 25GHz & 5.15 to 5.875 GHz in a single antenna radome.

Additional Features:

- wide coverage
- light weight and durable construction
- UV protected radome made of plastic



#### Specifications:

##### Electrical

Frequency range	2.4 - 2.5 GHz	5.15 - 5.875 GHz
Gain, typ.	2x 7.5 dBi	2x 7.5 dBi
VSWR, max.	1.8:1	1.8:1
3 dB Beam-Width, H-Plane, typ.	70 °	65 °
3 dB Beam-Width, E-Plane, typ.	65 °	60 °
Polarization	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" x 7.9" x 1.25")	
Weight	260 gr.	
Connector	See ordering options	
Back Plane	Aluminum; protected through chemical passivation	
Radome	UV Protected Plastic	
Mount	Wall Mountable (4 dry wall and concrete wall anchors & screws included)	

##### 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	

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