

## Outdoor Solution




# MME2 MIMO Enclosure

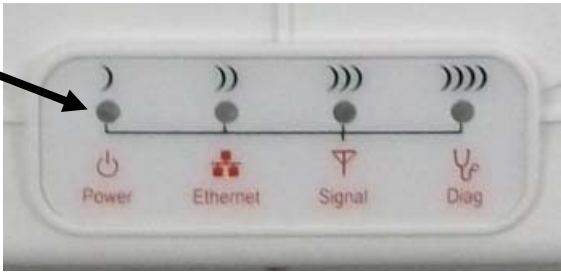

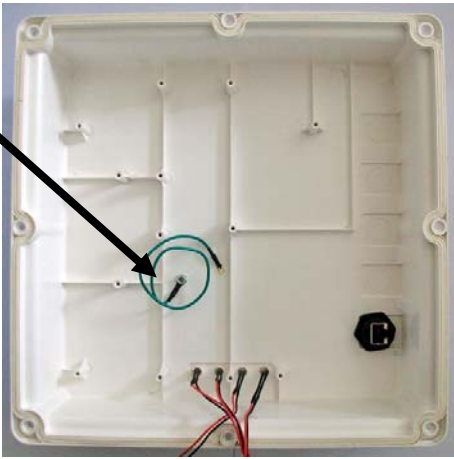


## Enclosure Specifications <sup>①</sup>

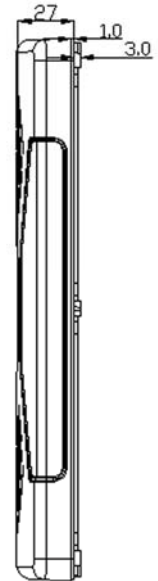
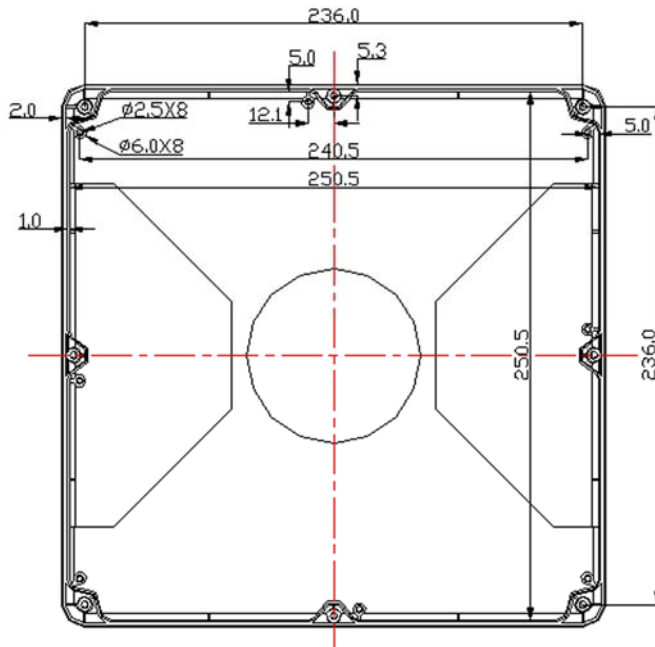
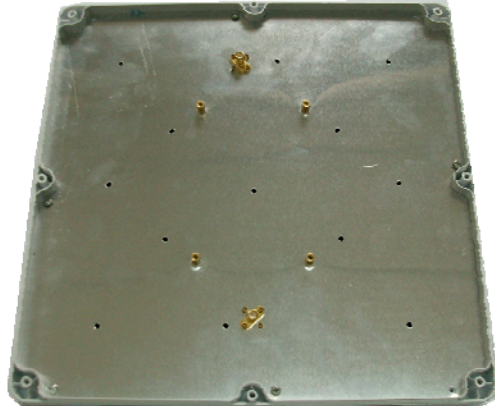
Enclosure Material	ABS/PC, Flame Retardant, UV resistant
Enclosure Color	White
Weight	1.2Kg
Outside Dimensions	257mm x 257mm x 86mm
Inside Dimensions	236mm x 236mm x 60mm
Integrated Antenna	5GHz 19dBi panel antenna
Ethernet Interface	IP67 Water-Proof RJ45 jack
Connectors	4 x N-Type Connectors (Optional) <sup>②</sup>
Ratings of Casing	IP67
Mounting	Pole Mount or Wall Mount
Grounding Terminal	Built-in Grounding Terminal

## MME2 Integrated Antenna Special Features

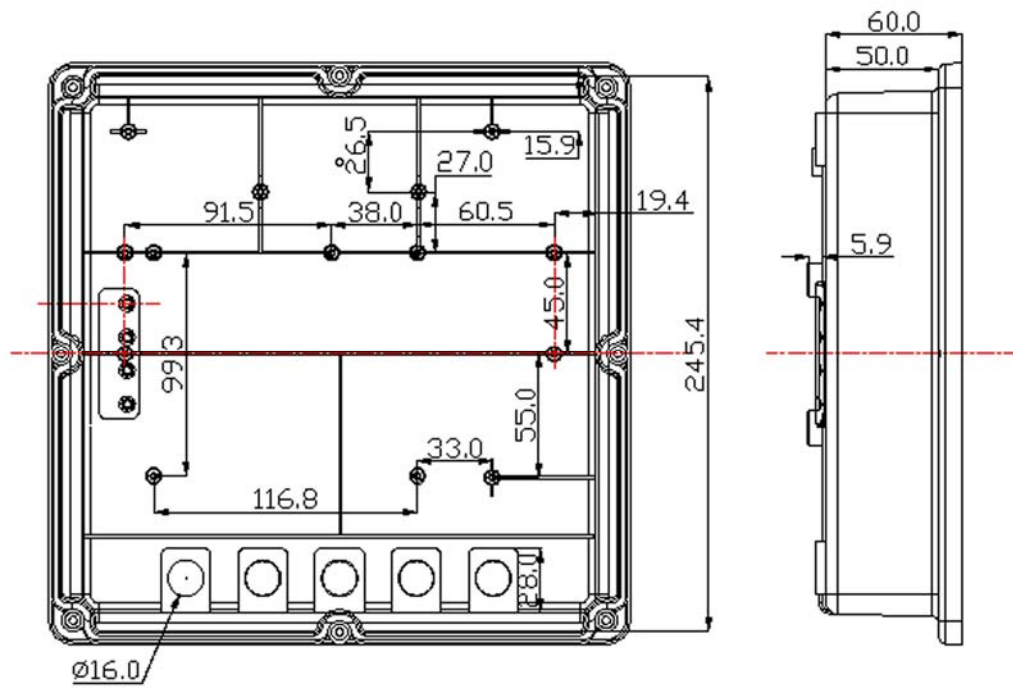
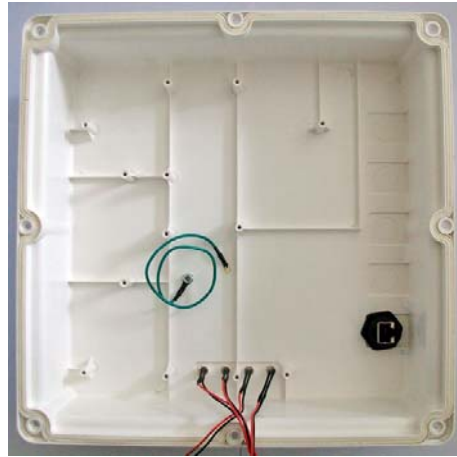
Features	Illustrations
<p style="text-align: center;"><b>Enclosure</b></p>	
<p style="text-align: center;"><b>Antenna Port Orientation</b></p>	
<p style="text-align: center;"><b>Waterproof Cable Gland for RJ45 (IP67) &amp; N-Type Connector for External Antenna (Option)</b></p>	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <div data-bbox="529 1499 797 1591" style="border: 1px solid black; padding: 2px;">Waterproof RJ45 jack</div> <div data-bbox="529 1640 797 1732" style="border: 1px solid black; padding: 2px;">N-Type Connector</div> </div> <div data-bbox="821 1465 1260 1925">  </div> </div>

<p><b>LED</b> (Signal Strength and AP functions dual purpose)</p>	<p>Dual color LEDs</p>  <p>The image shows a close-up of a white plastic LED indicator panel. It features four LEDs arranged horizontally. Above each LED is a different symbol: a power button symbol, a network symbol, a signal strength symbol (three curved lines), and a diagnostic symbol (a lightning bolt). Below each LED is a red label: 'Power', 'Ethernet', 'Signal', and 'Diag'. A black box with the text 'Dual color LEDs' has an arrow pointing to the first LED.</p>
<p><b>Antenna Elevation Adjustments</b></p>	 <p>Up (Max 25 °)</p> <p>Down (Max 25 °)</p> <p>The left photograph shows the antenna assembly tilted upwards. The right photograph shows the antenna assembly tilted downwards. Both photos show the white plastic housing and the black antenna module mounted on a metal pole.</p>
<p><b>Grounding Terminal</b></p>	<p>Grounding Terminal</p>  <p>The image shows the interior of the antenna housing. A green wire is connected to a terminal on the left side. A black box with the text 'Grounding Terminal' has an arrow pointing to this terminal. At the bottom of the housing, there are several other terminals with red and black wires connected to them.</p>

Inside View  
(Top):

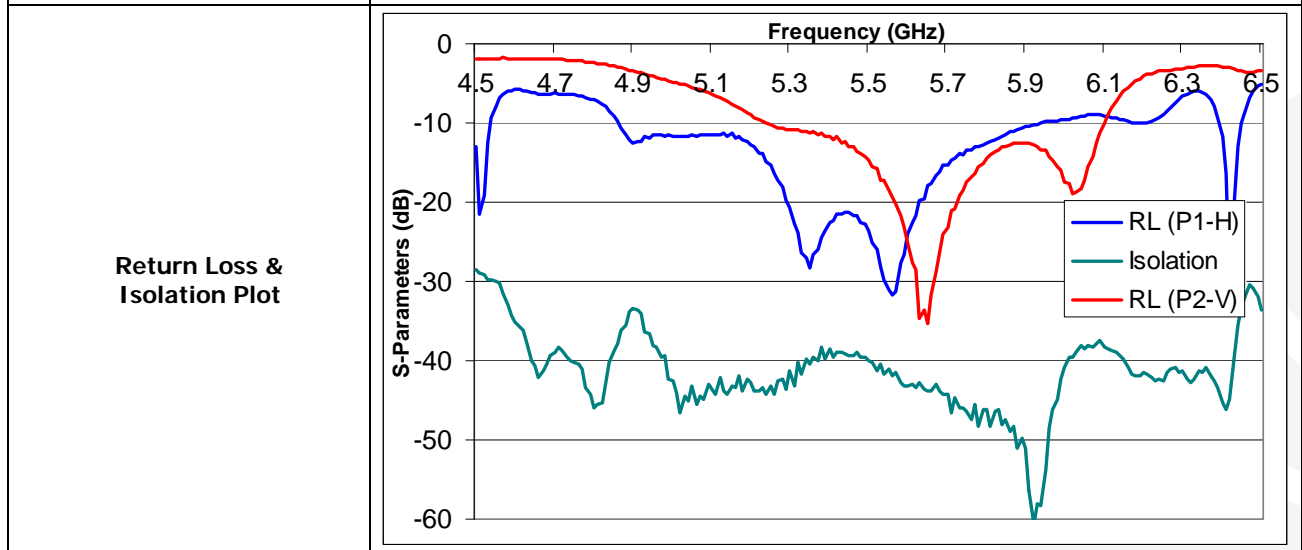
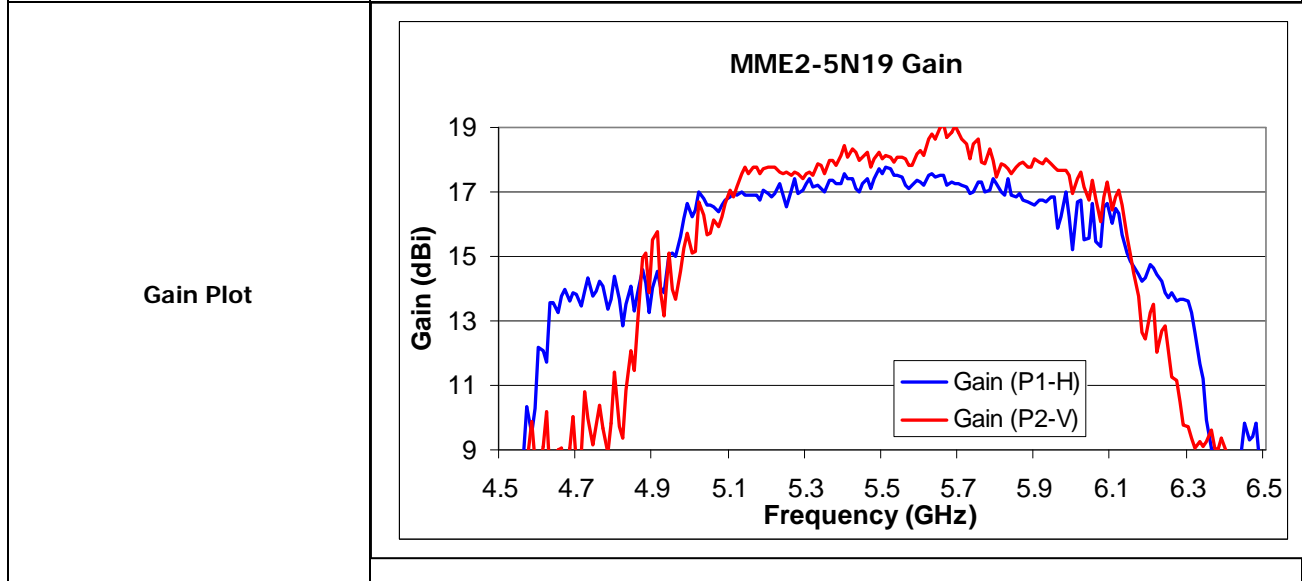


Inside View  
(Bottom):



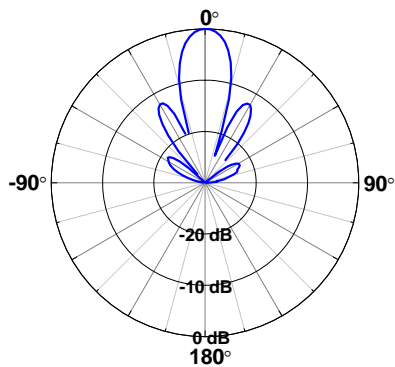
## Specifications of 19dBi 5GHz Antenna

<b>Gain</b>	19dBi
<b>Radiation</b>	Directional
<b>Frequency Range</b>	5.1-5.9 GHz
<b>Polarization</b>	Dual – Polarization
<b>Azimuth-3dB Beamwidth</b>	Horizontal(Port 1): 17 degrees Vertical(Port 2): 17degrees
<b>Elevation-3dB Beamwidth</b>	Horizontal(Port 1): 17 degrees Vertical(Port 2): 17degrees
<b>Isolation</b>	-40dB (Max)
<b>Front-to-Back Ratio</b>	-25dB (Max)
<b>VSWR</b>	Horizontal(Port 1): <1: 1.87 Vertical(Port 2): <1: 2.00
<b>Cross Polarisation Isolation</b>	-27dB (Max)
<b>SideLobe</b>	-12dB

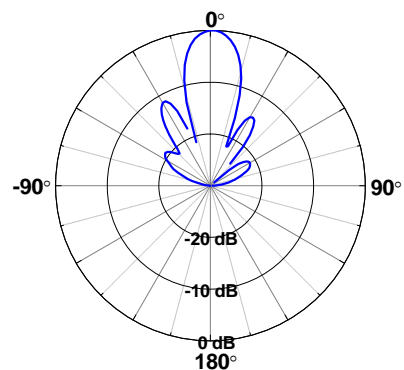


**Polar Plots  
(At 5.6GHz)**

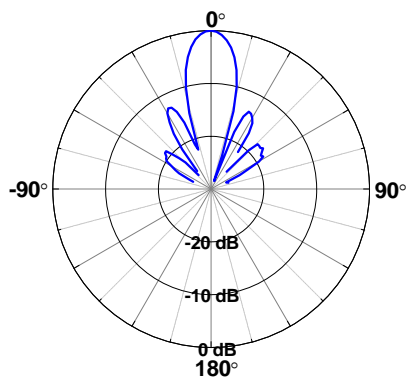
**H-Pol Elevation  
(Port 2 - V)**



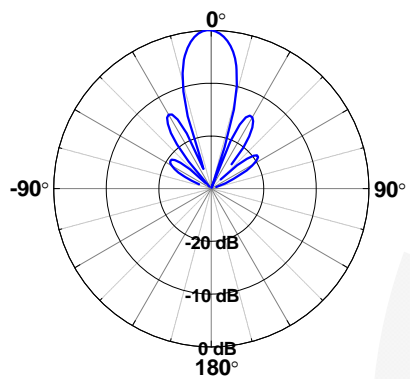
**H-Pol Azimuth  
(Port 1 - H)**



**V-Pol Elevation  
(Port 1 - H)**



**V-Pol Azimuth  
(Port 2 - V)**



## Enclosure Model Matrix<sup>③</sup>

Enclosure Size	Pre- Config Enclosure	19dBi Antenna	1 x N-Type Connector	4 x N-Type Connectors	Vented Enclosure	Earthing Terminal	Model Name
257 mm X 257 mm X 86mm	√		√			√	MME2-RJ45CN-1N
	√	√				√	MME2-5N19
	√			√		√	MME2-RJ45CN-4N

## Order Information

Codes	19dBi Antenna	1 x N-Type Connector	4 x N-Type Connectors
MME2-RJ45CN-1N		√	
MME2-5N19	√		
MME2-RJ45CN-4N			√

- ① Specifications are subject to change without notice
- ② Item is not provided in default package
- ③ Configurations are subject to change without notice  
Please contact Compex sales representatives for other available configurations

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