

MIMO Enclosure

MME-5N19

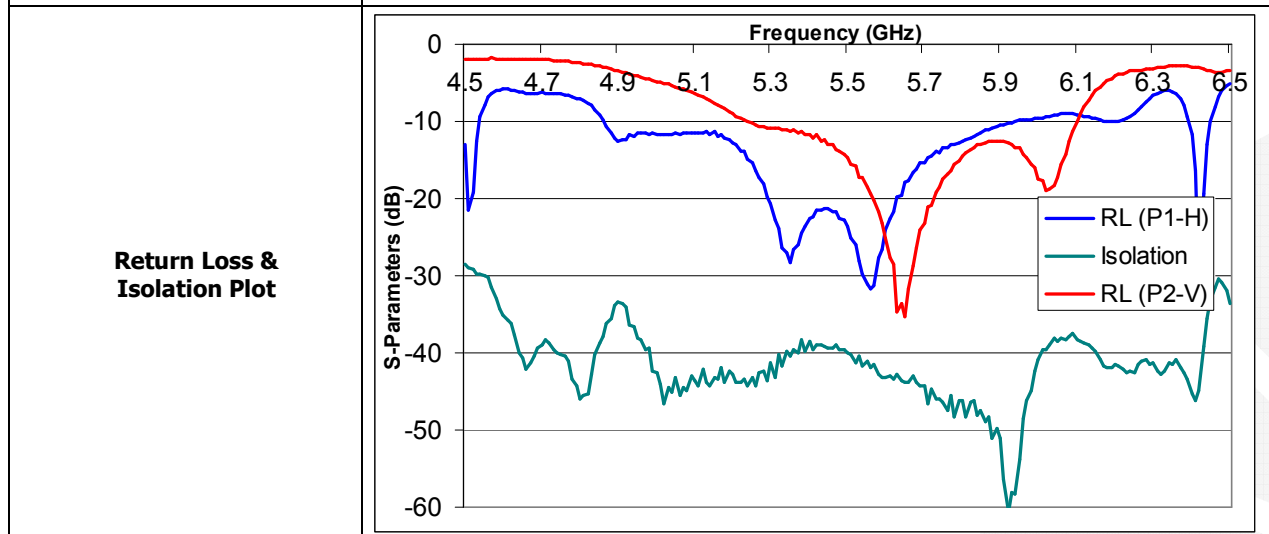
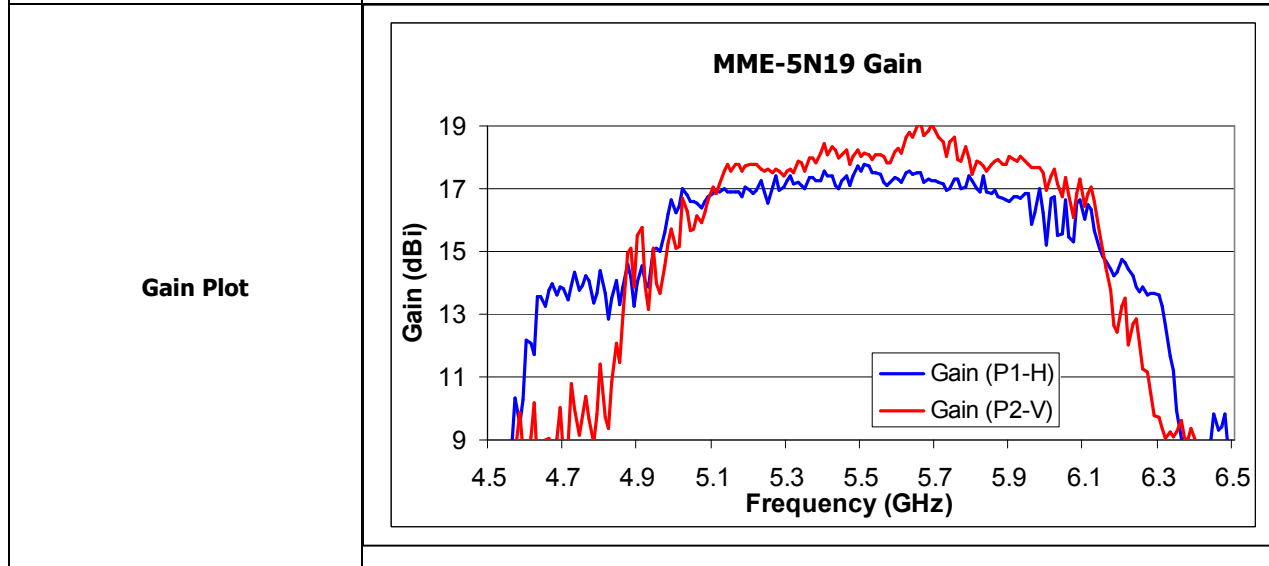
Enclosure Specifications^①

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	2 x IP67 Water-Proof RJ45 jack ^②
Connectors	4 x N-Type Connectors (Optional) ^③
Ratings of Casing	IP67
Mounting	Pole Mount or Wall Mount
Grounding Terminal	Built-in Grounding Terminal



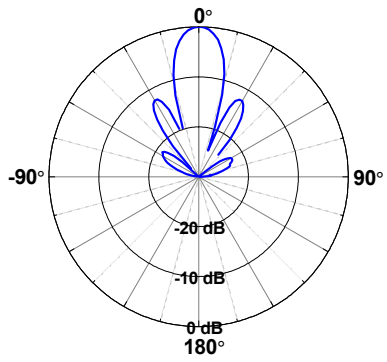
Specifications of 19dBi 5GHz Antenna

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

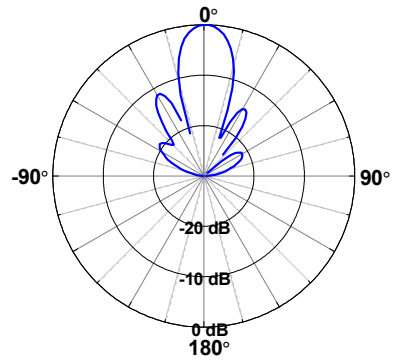


**Polar Plots
(At 5.6GHz)**

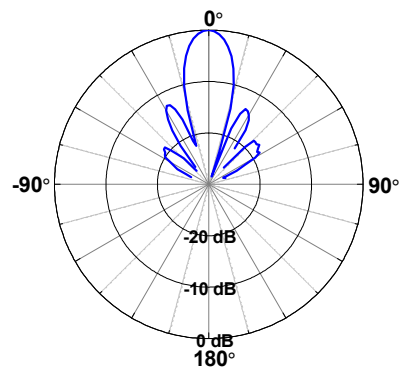
**H-Pol Elevation
(Port 2 – V)**



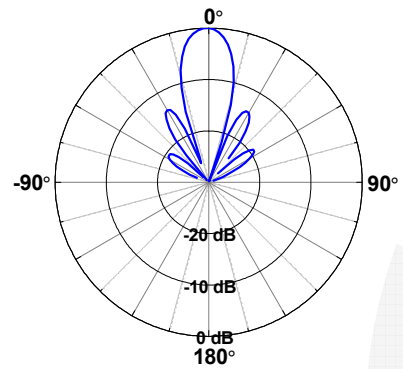
**H-Pol Azimuth
(Port 1 – H)**



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



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



Enclosure Model Matrix^④

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	✓		✓			✓	MME-RJ45CN-1N
	✓	✓				✓	MME-5N19
	✓			✓		✓	MME-RJ45CN-4N

Ordering Information

Codes	19dBi Antenna	1 x N-Type Connector	4 x N-Type Connectors
MME-RJ45CN-1N		✓	
MME-5N19	✓		
MME-RJ45CN-4N			✓

- ① Specifications are subject to change without notice
- ② Depends on ordering configuration, One RJ45 jack for standard, Second Rj45 for optional
- ③ Item is not provided in the default package
- ④ Configurations are subject to change without notice
Please contact Compex sales representatives for other available configurations

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