

# WiFi Antenna

## Outdoor, IP67

**multicomp**PRO

**RoHS  
Compliant**

### Specification



|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Frequency Range   | : 2400MHz to 2500MHz / 5150MHz to 5850MHz / 5925MHz to 7125MHz |
| Polarization      | : Linear                                                       |
| HPBW / Horizontal | : 360°                                                         |
| HPBW / Vertical   | : 45°                                                          |
| Peak Gain         | : 1.1 dBi / 3.2 dBi / 3.9 dBi Max.                             |
| VSWR              | : 2 typ                                                        |
| Power Handling    | : 2W (cw)                                                      |
| Impedance         | : 50Ω                                                          |
| Connector         | : N Plug                                                       |

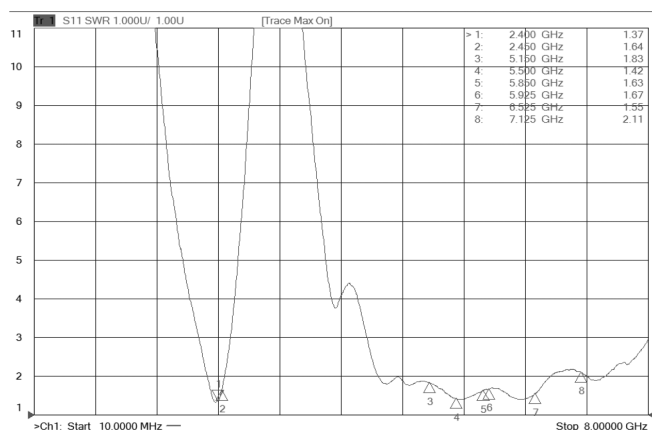
### Enviromental & Mechanical Characteristics

|                          |                       |
|--------------------------|-----------------------|
| Temperature              | : -40°C to +70°C      |
| Humidity                 | : 95% @ 55°C          |
| Waterproof Rating        | : IPX7                |
| Antenna Housing Colour   | : White               |
| Antenna Housing Material | : ASA, UV Resistance  |
| Dimensions               | : 102mm(L) × 25mm(OD) |
| Weight                   | : 69g                 |

### Performance Summary

#### VSWR

| Frequency (MHz) | 2400 to 2500 | 5150 to 5850 | 5925 to 7125 |
|-----------------|--------------|--------------|--------------|
| VSWR            | 2 max.: 1    |              | 2 typ.       |



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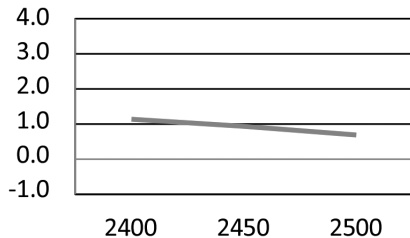
**Gain Table**

**Peak gain**

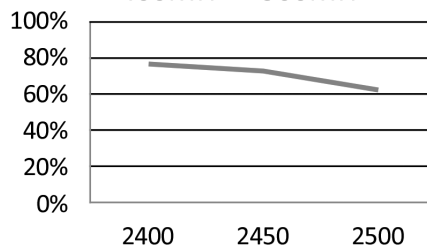
**Efficiency**

**Avg. gain**

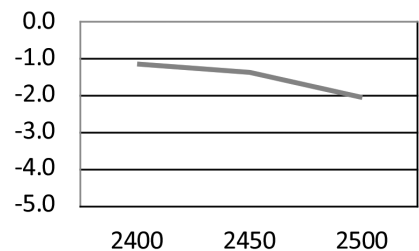
**2400MHz~2500MHz**



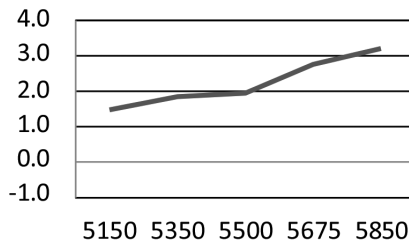
**2400MHz~2500MHz**



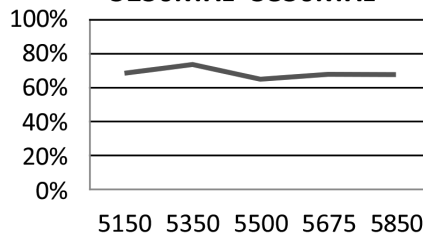
**2400MHz~2500MHz**



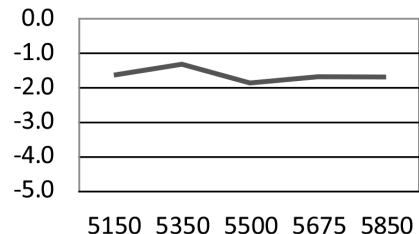
**5150MHz~5850MHz**



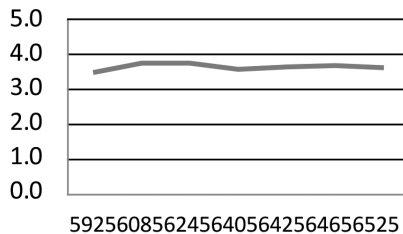
**5150MHz~5850MHz**



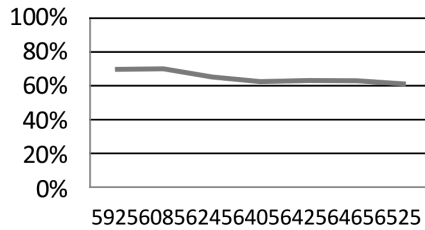
**5150MHz~5850MHz**



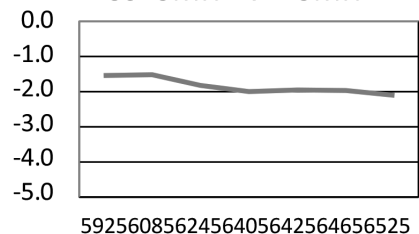
**5925MHz~7125MHz**



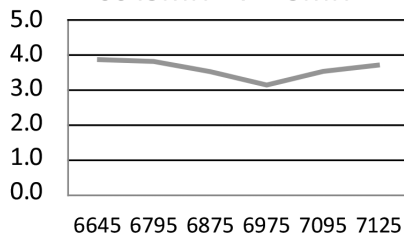
**5925MHz~7125MHz**



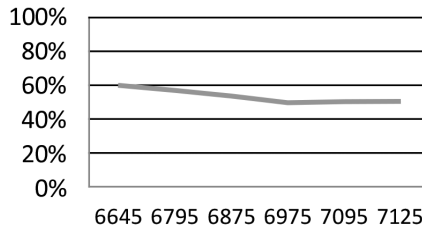
**5925MHz~7125MHz**



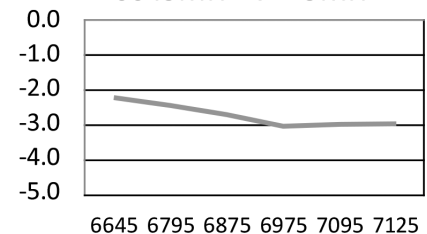
**6645MHz~7125MHz**



**6645MHz~7125MHz**



**6645MHz~7125MHz**



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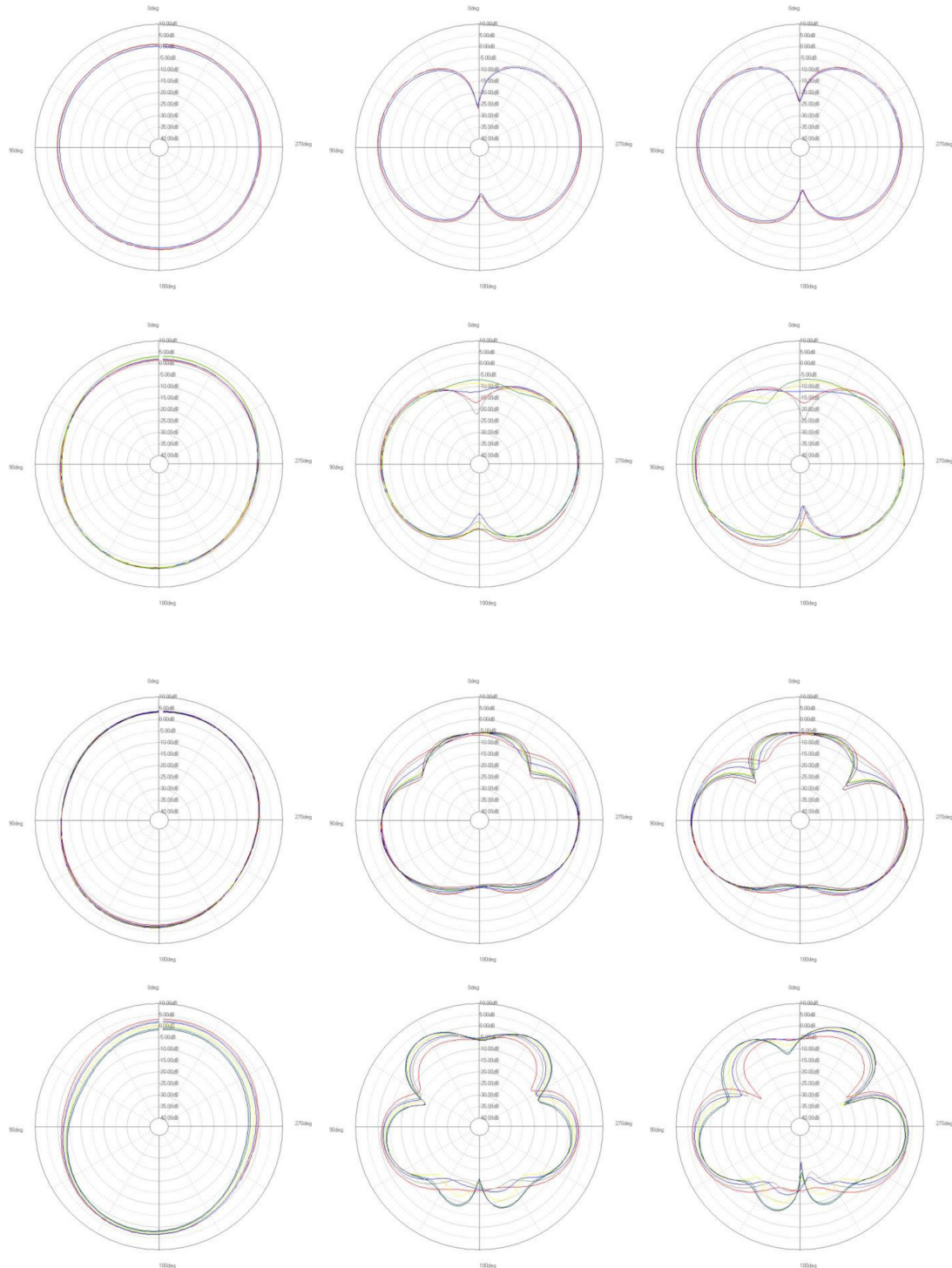
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### Radiation Pattern

XY-plane

YZ-plane

ZX-plane



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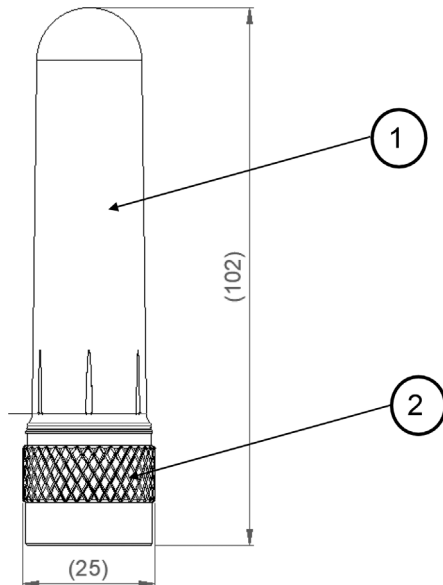
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# WiFi Antenna

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### Dimension



1. Antenna Top Cover, ASA UV Resistance
2. N Straight Plug For Robust Antenna

Dimensions : Millimetres

### Part Number Table

| Description                  | Part Number |
|------------------------------|-------------|
| WiFi Antenna, Linear, N Plug | MP011392    |

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