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| Part No. | IX2212 |
| Product Name | Dual-Band Wi-Fi antenna 6cm rotatable |
| Feature | Wi-Fi 2.4 and 5 GHz RP-SMA Male Connector Max Peak Gain compliant CE Certified RoHS & Reach compliant |

Electrical

| | |
|---------------------------------|------------------|
| Band | Wi-Fi 2.4 GHz |
| Frequency (MHz) | 2400~2500 |
| Efficiency Straight* | 76.7% |
| Efficiency 90° Bent* | 75.9% |
| Average Gain(dBi)* | -1.2 |
| Peak Gain Straight(dBi)* | 2.8 |
| Peak Gain 90° Bent(dBi)* | 2.7 |
| Impedance | 50 Ω |
| Polarization | Linear |
| Radiation Pattern | Omni-directional |
| Max Power Input | 10 W |

*in free space

| | |
|------------------------------------|------------------|
| Band | Wi-Fi 5 GHz |
| Frequency (MHz) | 5150~5850 |
| Efficiency Straight* | 87.5% |
| Efficiency 90° Bent* | 82.1% |
| Average Gain Straight(dBi)* | -0.6 |
| Average Gain 90° Bent(dBi)* | -0.9 |
| Peak Gain Straight(dBi)* | 3.6 |
| Peak Gain 90° Bent(dBi)* | 2.8 |
| Impedance | 50 Ω |
| Polarization | Linear |
| Radiation Pattern | Omni-directional |
| Max Power Input | 10 W |

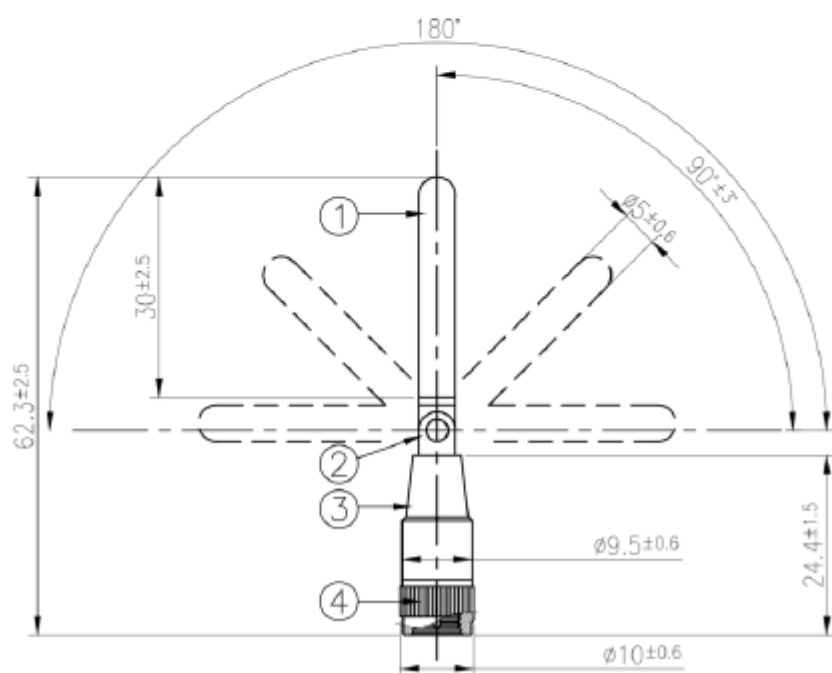
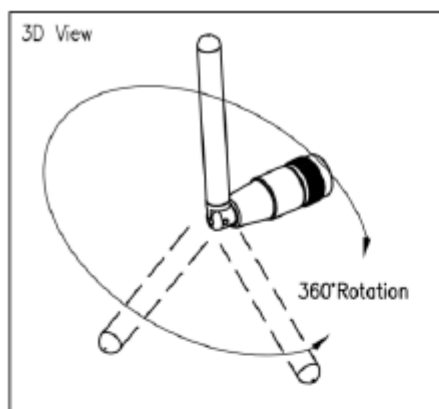
*in free space

Environmental

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|------------------------------|---------------|
| Operating Temperature | -40°C to 85°C |
|------------------------------|---------------|

| | |
|----------------------------|---------------|
| Storage Temperature | -40°C to 85°C |
|----------------------------|---------------|

Mechanical drawing (unit:mm)



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