

Description: 2.4-2.5 / 5.15-7.125GHz Stick Antenna

Series: External Antenna

PART NUMBER: W5028X

**Features:**

- WiFi Dual-Band
- DSRC
- Multi banded 2.4/5-7GHz
- IP65
- P/N W5028:
 - R/A RP SMA 128.05mm
- P/N: W5028RPG:
 - RP SMA 130mm

Applications:

- WiFi-6E (2.4GHz, 5-7GHz), Zigbee, BLE/BT,
- DSRC V2x communication
- Rugged Outdoor Systems
- Marine, Mining, Utility, Oil/Gas Environments
- Industrial Applications
- Metering, Security, IoT Applications
- Outdoor Networking
- Data Transmission, Access Points

Issue: 2103

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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ELECTRICAL SPECIFICATIONS

| | | |
|--------------------|--------------------------|-------------------------|
| Frequency | 2.4-2.5GHz/5.15-7.125GHz | |
| Nominal Impedance | 50Ω | |
| Return Loss | | |
| | 2.4-2.5GHz | <-10dB |
| | 5.15-7.125GHz | <-6dB |
| Peak Gain | | |
| | 2.4-2.5GHz | 1.5dBi +/-0.5 dB |
| | 5.15-7.125GHz | 2.2dBi +/-1dB |
| Radiation Pattern | Omni in Horizontal plane | |
| Polarization: | Vertical | |
| Power withstanding | 1W | |
| Connector type | | |
| | W5028 | Right Angle RP SMA male |
| | W5028RPG | Straight RP SMA male |

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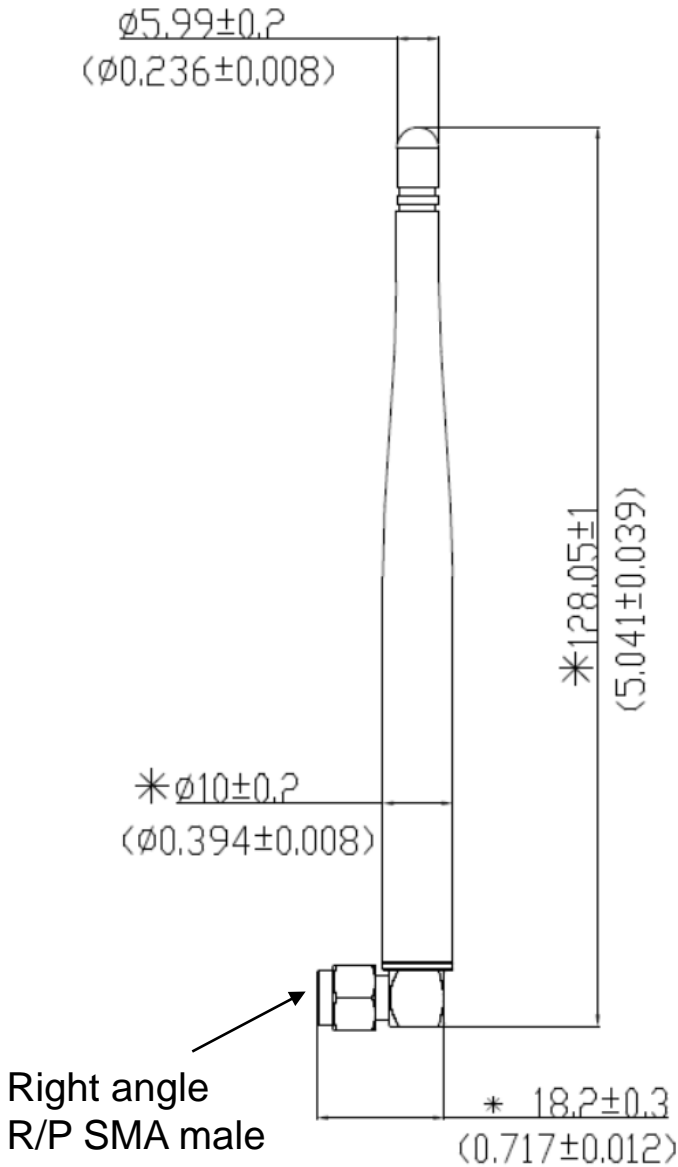
MECHANICAL SPECIFICATIONS

| | | | |
|----------------|----------|--------|-------|
| Plastic radome | | | TPEE |
| Color | | | Black |
| IP Rate | | | IP65 |
| Weight | | | |
| | W5028 | 16.65 | g |
| | W5028RPG | 12.6 | g |
| Overall Length | | | |
| | W5028 | 128.05 | mm |
| | W5028RPG | 130 | mm |

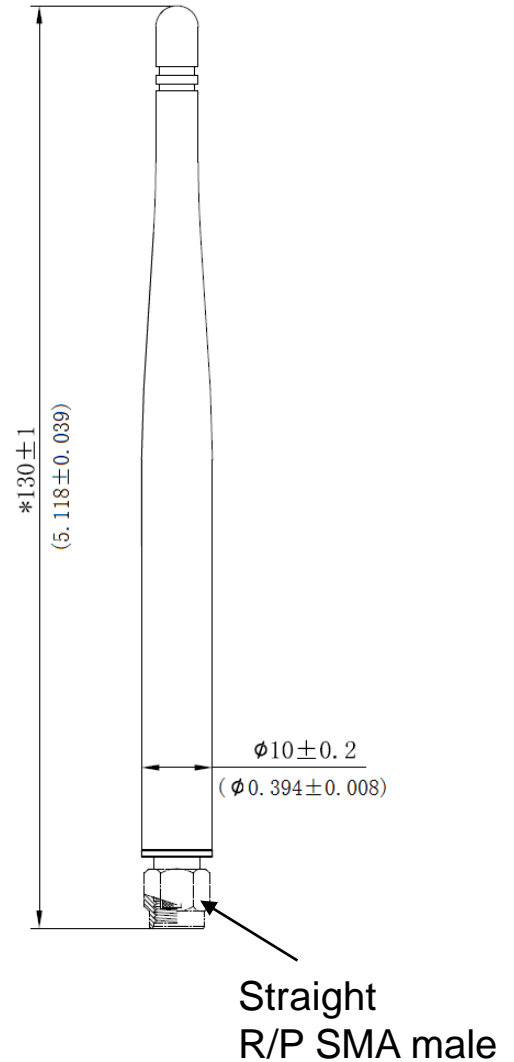
ENVIRONMENTAL SPECIFICATIONS

| | |
|-----------------------|------------|
| Operating temperature | -35/+80° C |
| Storage Temperature | -40/+85° C |

MECHANICAL DRAWING



W5028



W5028RPG

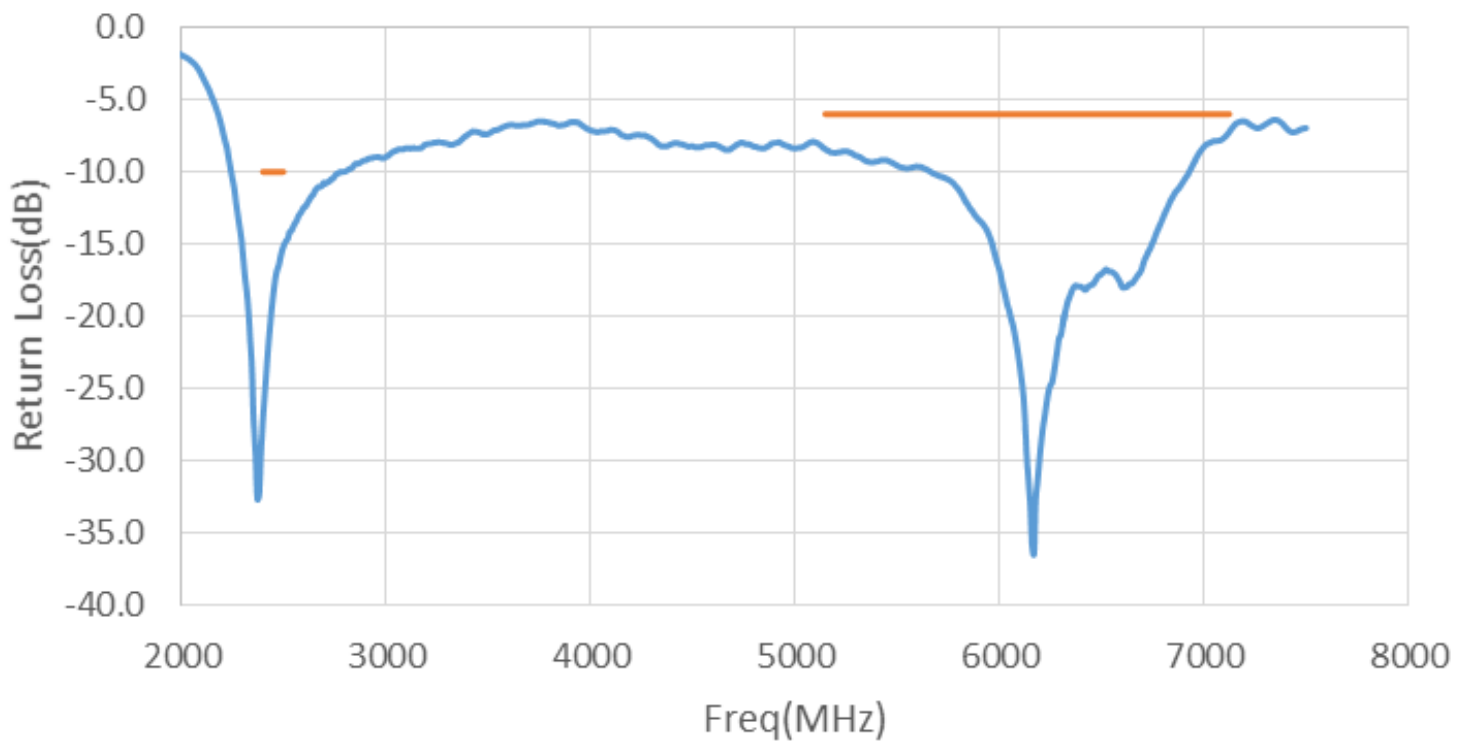
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CHARTS

Return Loss



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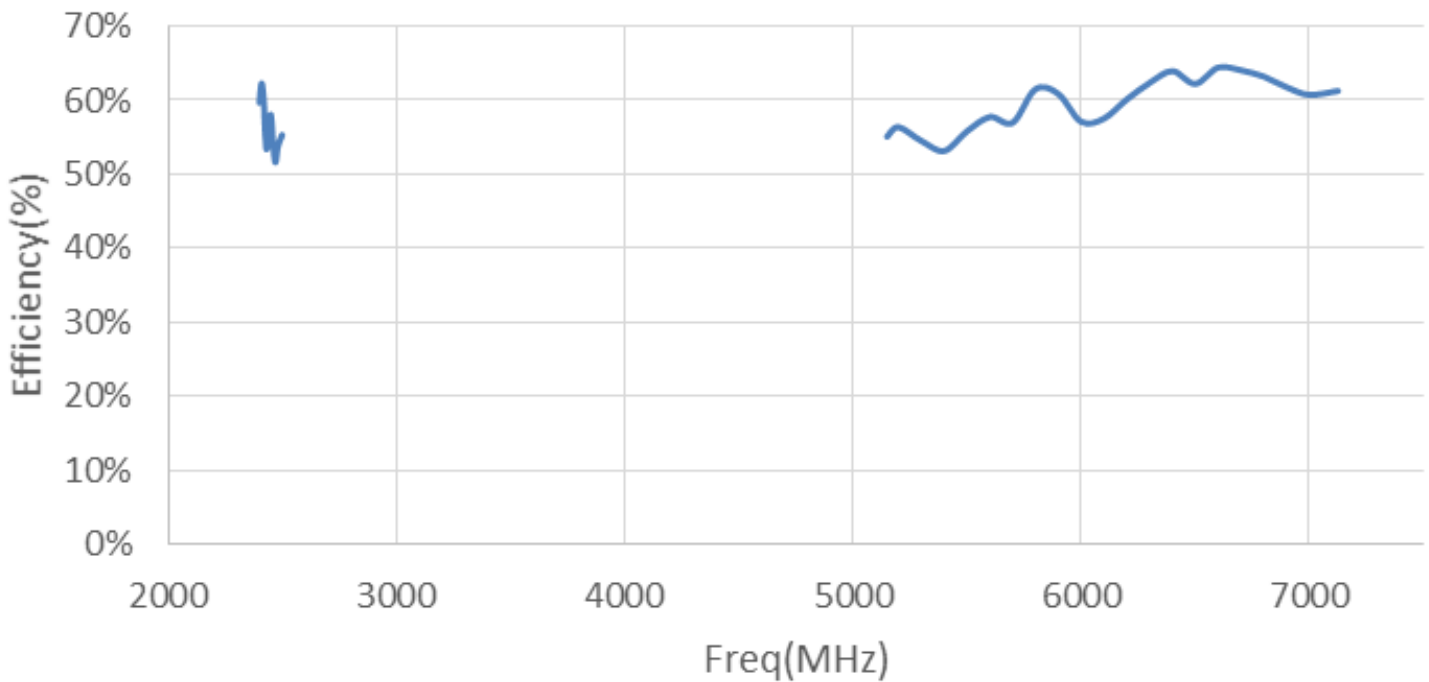
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CHARTS

Efficiency(%)



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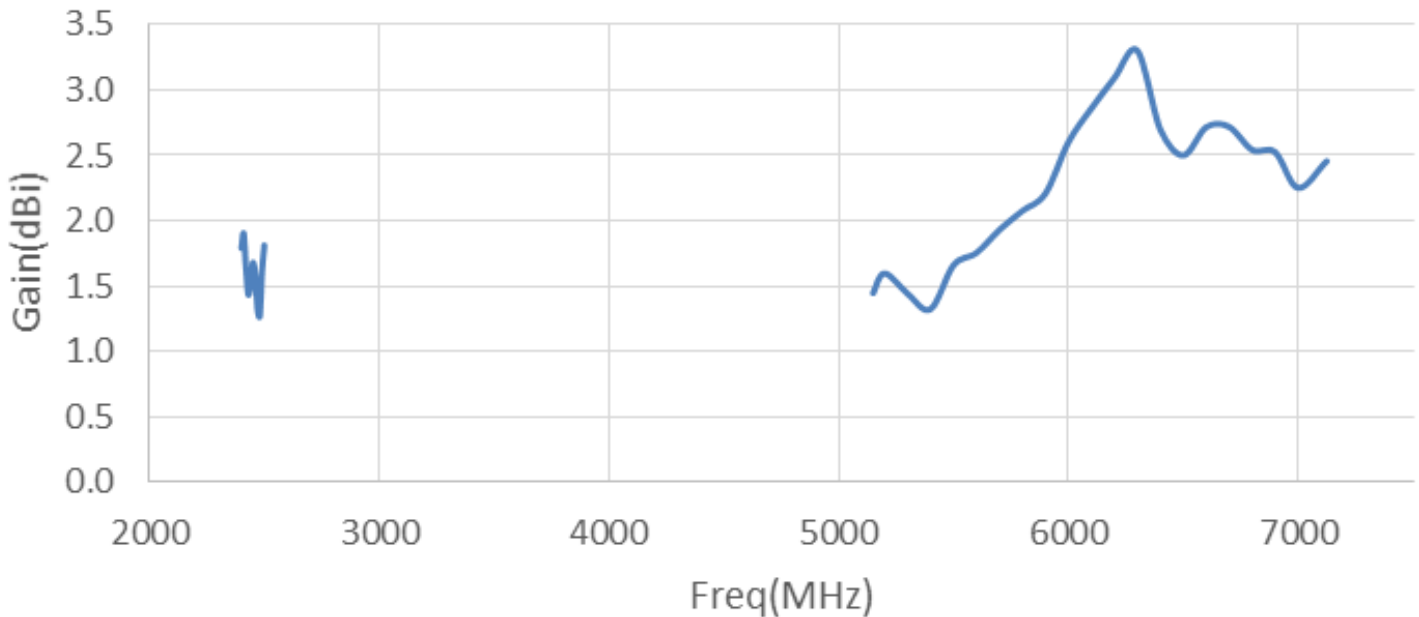
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CHARTS

Peak Gain (dBi)



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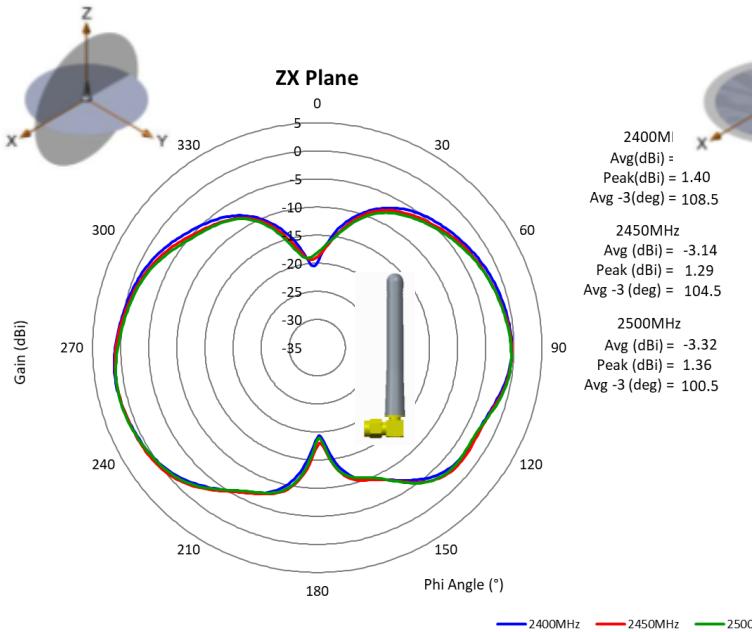
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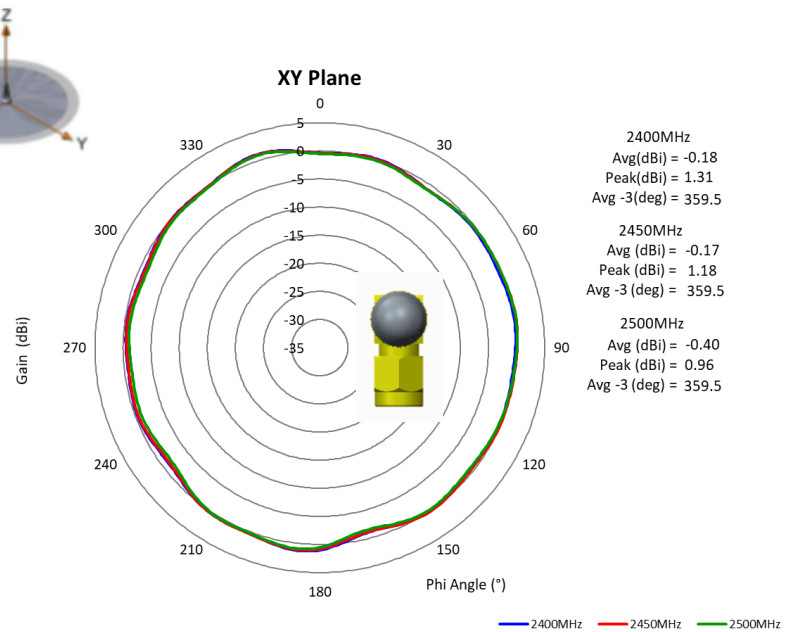
CHARTS

Free Space Radiation Pattern

Elevation Plane



Horizontal Plane



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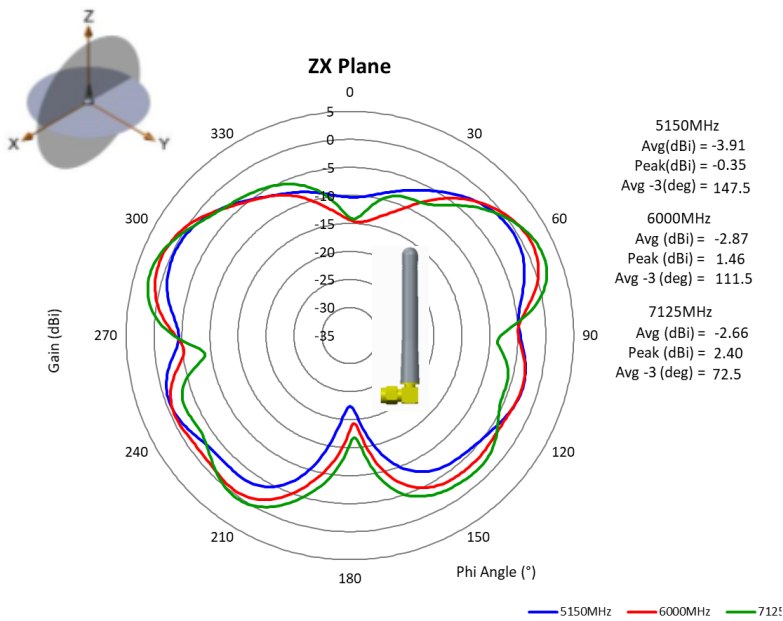
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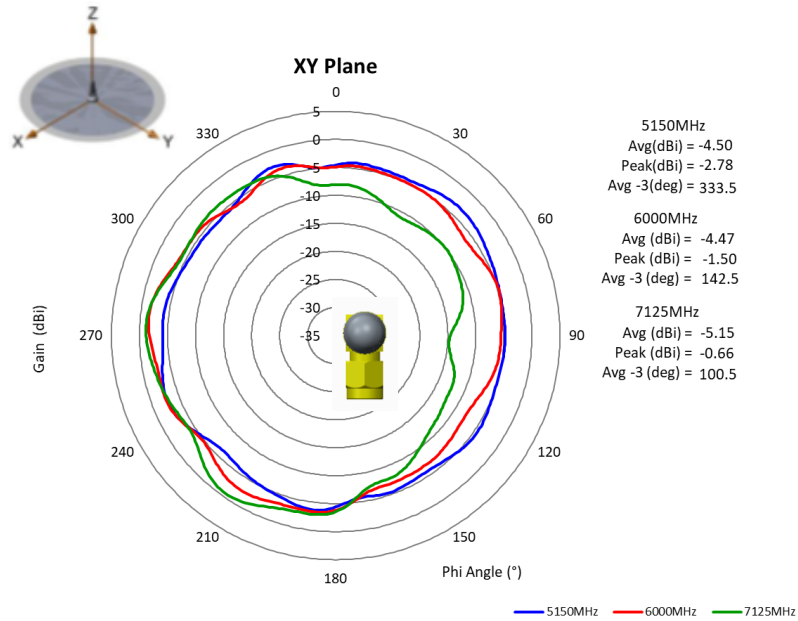
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PACKAGING

20PCS/Bullet PE bag

30 Bullet PE bag/ Carton box

Total 600PCS antenna/ Carton box

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)