

# 5G-R1

## Industrial-grade Rubber Duck LTE 5G Antenna

### Product Description

Santa Fe **5G-R1** is an industrial-grade rubber duck 5<sup>th</sup>-generation & LTE antenna that supports the USA and European telecom 5G and LTE bands. With rugged weather-resistant material and omni-directional signal reradiation design, the industrial-grade screw mount antenna is easy to install for various commercial applications.

Right-angle SMA plug connector or black antenna housing is available upon customer's request.



### Highlight

- Special designed for USA & EU 5G & LTE frequencies
- Antenna of industrial standard length
- Wide-band and omni directional reradiation pattern
- Machine-to-machine, SCARDA
- IoT Gateway, routers, Grid meters

| LTE 5G Antenna Specification |                                                                           |
|------------------------------|---------------------------------------------------------------------------|
| Frequency                    | 698~915MHz<br>1710~2700MHz<br>3300 ~ 3800MHz                              |
| Gain (Peak)                  | -0.44dBi @ 698~915MHz<br>1.52dBi @ 1710~2700MHz<br>2.79dBi @ 3300~4000MHz |
| VSWR                         | < 3.2 @ 698~915MHz<br>< 2.7 @ 1710~2170MHz<br>< 3.0 @ 3300~3800MHz        |
| Impedance                    | 50Ω                                                                       |
| Polarization                 | Omni-directional                                                          |
| Max. Input Power             | 50W                                                                       |

| Mechanical Specification |                         |
|--------------------------|-------------------------|
| Dimension                | 105mm(L) x 8.0mm (Dia.) |
| Connector                | SMA straight plug       |
| Color                    | Black or White          |
| Weight                   | 10 g                    |
| Operation Temperature    | -40 °C to +80 °C        |
| Storage Temperature      | -40 °C to +80 °C        |
| Relative Humidity        | Up to 95%               |
| RoHS                     | Compliant               |
| Mounting                 | Fix mount               |