

# NANE12X195WTJS0R868G1MF

## 868 MHz ISM Whip External Antenna



### Description

The NANE12X195WTJS0R868G1MF is an External Whip antenna designed for ISM / LoRa applications. It operates within the frequency ranges of 868 MHz making it perfect for Smart meters, remote monitoring, and industrial IoT

### Features

- ISM / LoRa 868 MHz protocol
- Up to 90° Flexibility
- RoHS Complaint



### Specifications

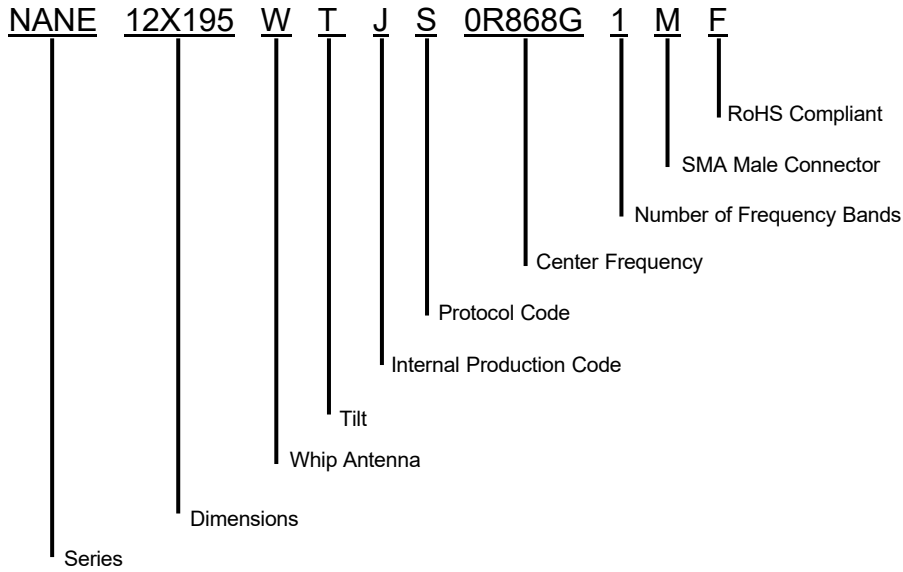
| Electrical            |                                       |
|-----------------------|---------------------------------------|
| Frequency Range       | 868 MHz                               |
| Bandwidth             | CF $\pm$ 8 MHz                        |
| Gain                  | 3 dBi                                 |
| VSWR                  | < 2.0                                 |
| Polarization          | Linear                                |
| Impedance             | 50 $\Omega$                           |
| Environmental         |                                       |
| Operating Temperature | -40°C~+85°C                           |
| Vibration             | 10 ~ 55Hz with 1.5mm amplitude 2hours |
| Mounting Method       | Screw                                 |
| ROHS Compliant        | Yes                                   |

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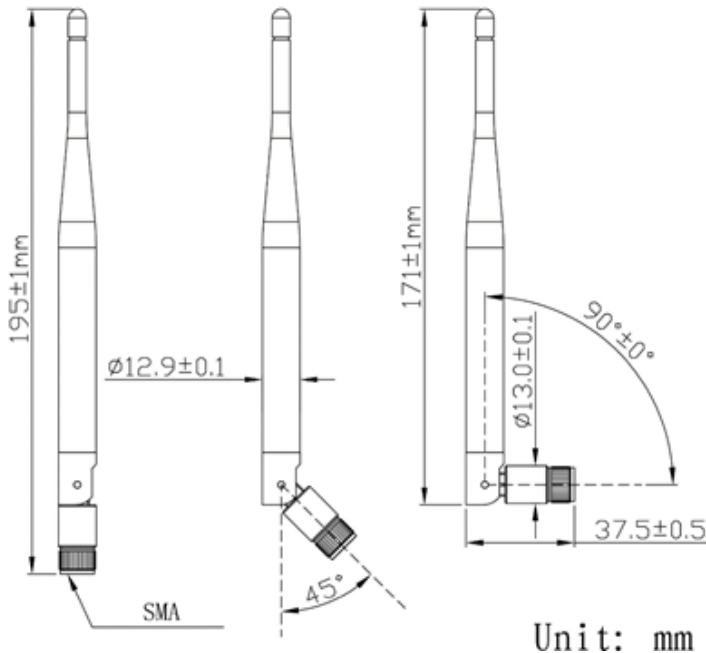
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## Part Number Breakdown



## Dimensions



Performance Passives By Design

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www.niccomp.com

Last Updated 11/3/2023. Specification subject to change without notice. Please check web site or contact NIC for latest information

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## Radiation Patterns

