



# Antenna datasheet

# FSK

# 433MHz Whip Antenna

(P/N: WE-433O-10)

## Specifications

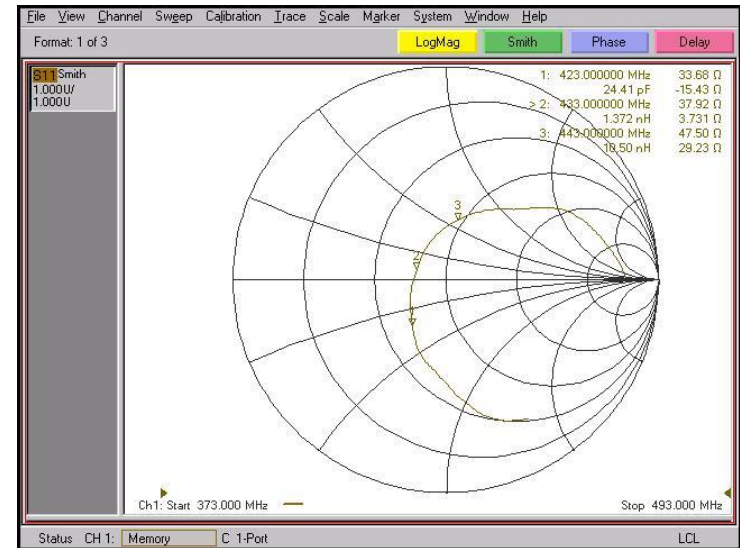
|                         |                  |
|-------------------------|------------------|
| Frequency Range ( MHz ) | 423 ~ 443        |
| Band Width ( MHz )      | 20               |
| V.S.W.R ( Min )         | 1.81 : 1         |
| Gain ( Max )            | 0.867 ( dBi )    |
| Radiation               | Omni-directional |
| Max Power               | 10 W             |
| Input Impedance         | 50 ( $\Omega$ )  |
| Polarization            | Linear, Vertical |
| Connector               | BNC Male         |
| Dimensions              | 160 x 15 mm      |

April 25, 2024

## Photo



## Smith Chart



## Return Loss



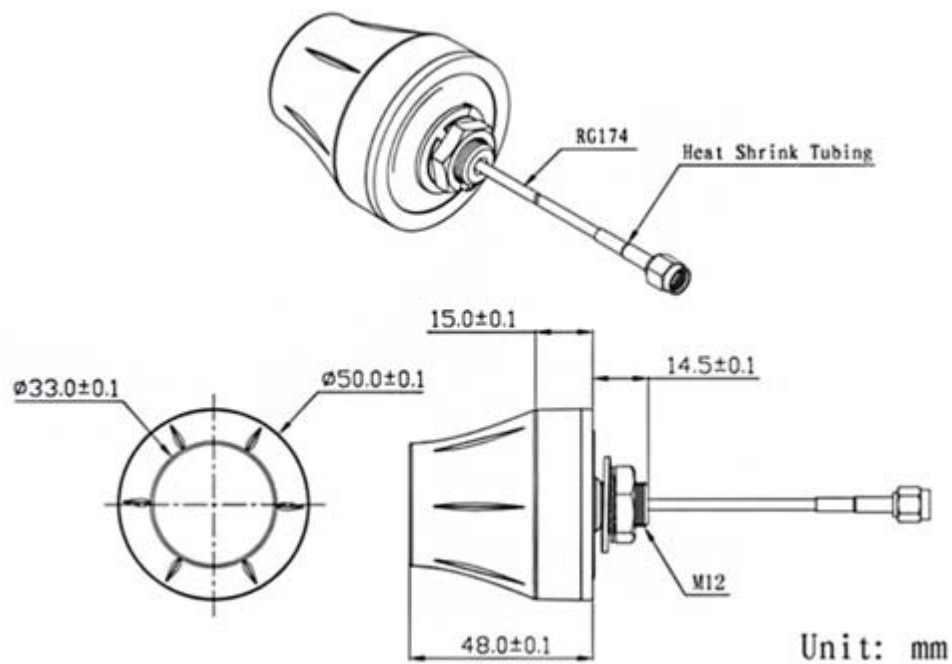
## V. S. W. R





# Bluetooth

## Description:



## SPECIFICATIONS

| Item          |                       | Specifications                            |
|---------------|-----------------------|-------------------------------------------|
| WiFi Antenna  | Frequency Range       | 2400~2483.5MHz                            |
|               | Band Width            | 83.5MHz                                   |
|               | Polarization          | Linear                                    |
|               | Gain                  | 0 dBi                                     |
|               | V.S.W.R               | < 2.0                                     |
|               | Impedance             | 50Ω                                       |
| Mechanical    | Cable                 | RG174                                     |
|               | Connector             | CRC9 male right angle                     |
|               | Material              | ABS                                       |
|               | Mounting Method       | Screw                                     |
| Environmental | Operating Temperature | -40℃~+85℃                                 |
|               | Relative Humidity     | Up to 95%                                 |
|               | Ingress Protection    | IP67 (exclude cable outlet)               |
|               | Vibration             | 10 to 55Hz with 1.5mm amplitude<br>2hours |

# Radiation Pattern

WIFI Antenna

