

# WiFi Antenna

# TAMP118

## Wi-Fi 6e/7 External Antenna



### Features and Benefits

- **External Antenna with Hinge Covering WiFi 2.4/5.2/6 GHz Triple Bands**
- Antenna Size: 156.4 X Φ13mm
- Connector: SMA male
- Color: Black / White
- Operating Frequency Bands:
  - 2400~2500MHz
  - 5100~5900MHz
  - 6000~7100MHz
- High Efficiency up to 87%
- Peak Gain: 2.3~3.3 dBi
- IP54

### INTRODUCTION

The TAMP118 is an omnidirectional Wi-Fi external antenna used for connecting wireless communication equipment such as a Wi-Fi 6e router to client devices.

### APPLICATION

Any wireless device that requires an antenna covering Wi-Fi frequency bands.

Examples Uses – Routers, Gateways, CPEs, Automotive devices, IoT devices, etc.

### Performance

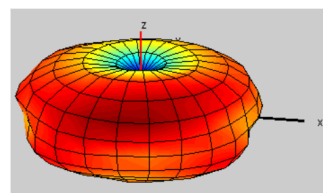
#### Gain and Efficiency

Frequency [MHz]	2401	2442	2478	5150	5500	5855
Avg Gain [dBi]	-0.58	-0.36	-0.68	-1.90	-1.57	-1.98
Efficiency [%]	87.4	92.0	85.5	64.5	69.7	63.4
Peak Gain [dBi]	3.32	3.15	2.33	2.24	3.28	2.78
Impedance	50Ω					
Polarization	Vertical					
Directivity	Omni-Directional					

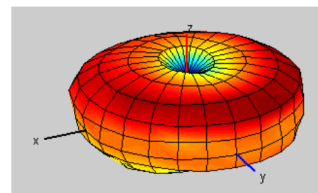
#### VSWR



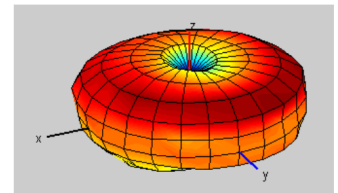
#### Radiation Pattern



2400 MHz

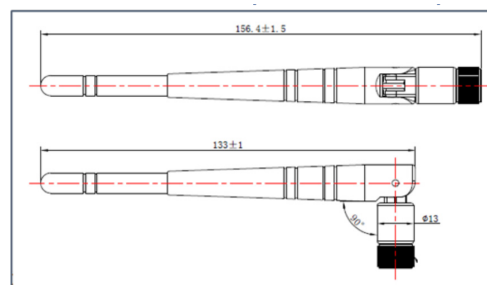


5100 MHz



5800 MHz

### Dimension (unit: mm)



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