

RoHS
Compliant



Application

- 2.4~2.5/5.15~7.125GHz in Smart Home, Networking System and AR/VR System
- Device for external WIFI 6/6E/7 system

Specifications

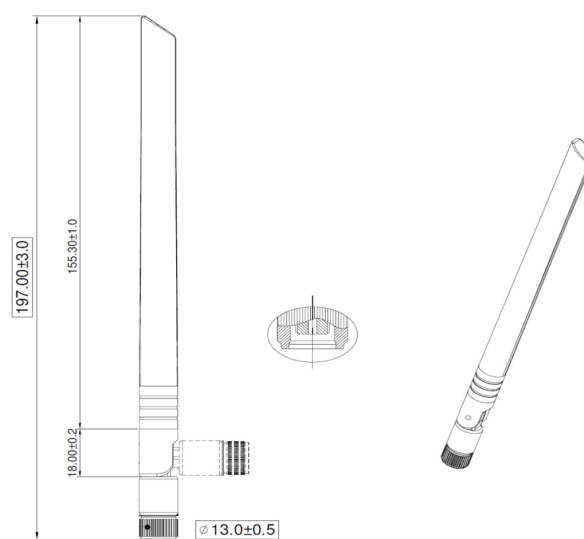
Electrical Characteristics

Frequency Range	: 2.4~2.5/5.15~7.125GHz
Impedance	: 50Ω Nominal
VSWR	: 2 Max.
Radiation	: Omni-directional
Polarization	: Linear Vertical
Admotted Power	: 1W

Material

Antenna Cover	: ABS(Black)
Antenna Up Base	: PC(Black)
Antenna Down Base	: PC+PBT(Black)
Rivet	: POM(Black)
Connector	: Reverse SMA Plug(Black)
Brass Tube	: FR4
Color Ring	: PP(Blue)
Heat Shrink Tube	: Phosphor Bronze
Sponge	: Black
Cable	: RG178 Cable;Brown

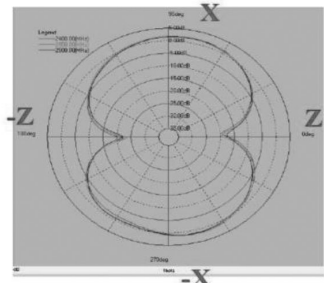
Diagram



Dimensions : Millimetres

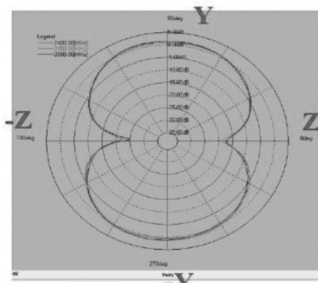
X-Z Plane
Phi=0.00deg

Gain . dB



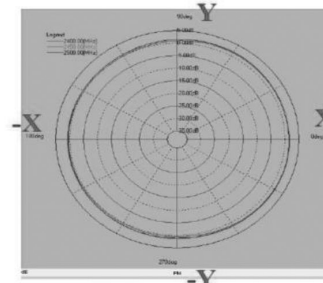
Y-Z Plane
Phi=90.00deg

Gain . dB



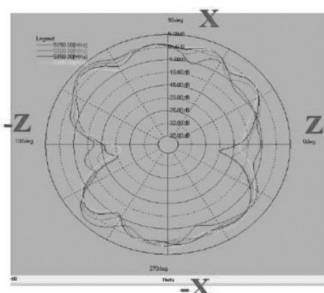
X-Y Plane
Theta=90.00deg

Gain . dB



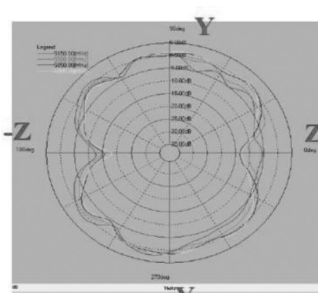
X-Z Plane
Phi=0.00deg

Gain . dB



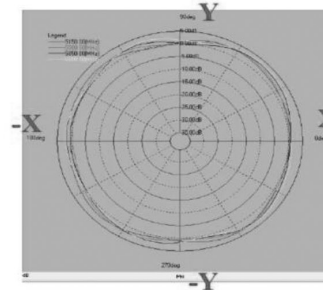
Y-Z Plane
Phi=90.00deg

Gain . dB



X-Y Plane
Theta=90.00deg

Gain . dB



Part Number Table

Description	Part Number
RF Antenna, 5.15 to 7.125GHz, WiFi 6 / WiFi 6E / WiFi 7, 3.5dBi, RP SMA Connector, Linear Vertical	RFDPA191300SBLB811

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