

RoHS
Compliant



Application

- 2.4/5.8GHz in Smart Home, Networking System and Lighting Control System
- Device for external WIFI system

Specifications

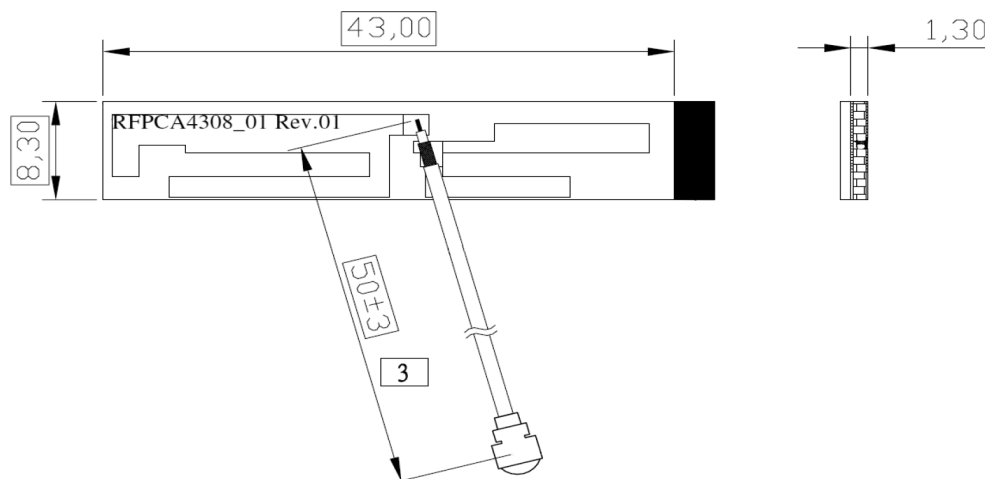
Electrical Characteristics

Frequency Range	: 2400 ~ 2500 / 5150 ~ 5850 MHz
Impedance	: 50Ω Nominal
VSWR	: 2 Max.
Radiation	: Omni-directional
Polarization	: Linear Vertical
Admotted Power	: 1W

Material

Antenna	: FR4(Green)
Connector	: IPEX(Gold)
Sponge+Double Tape	: T=1.3mm
Cable	: Ø1.13 Cable; Black

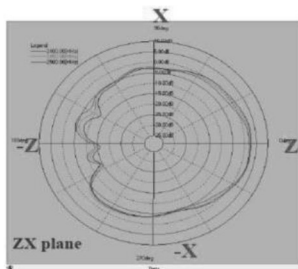
Diagram



Dimensions : Millimetres

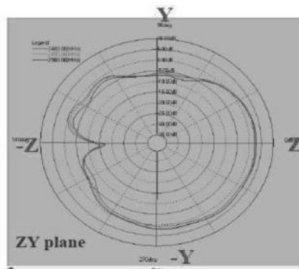
Phi=0.00deg

Gain . dB



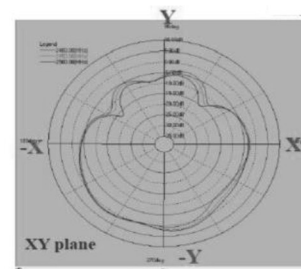
Phi=90.00deg

Gain . dB



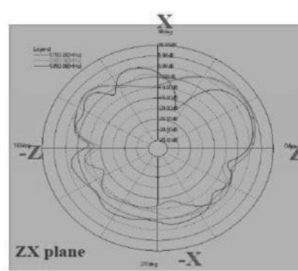
Theta=90.00deg

Gain . dB



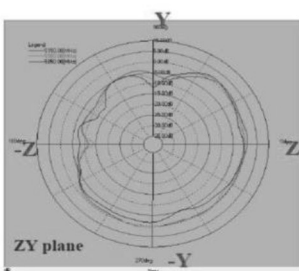
Phi=0.00deg

Gain . dB



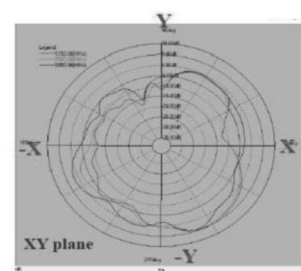
Phi=90.00deg

Gain . dB



Theta=90.00deg

Gain . dB



Part Number Table

Description	Part Number
RF Antenna, 5.15 to 5.85GHz, WiFi, 50Ω, I-Pex Connector, Linear Vertical	RFPCA430805IMLB301

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