



# BLE PCB Dipole Antenna 2.4 - 2.5 GHz



## Electrical Parameters

<b>Frequency (MHz)</b>	2400 – 2500
<b>Gain (dBi)</b>	6.5 ±0.5
<b>S-Parameter(S11)dB</b>	< -10
<b>VSWR</b>	<1.5
<b>Polarization</b>	H & V
<b>Pattern Type</b>	Semi-Omni
<b>Max. Power Input (Watts)</b>	1
<b>Impedance (Ω)</b>	50 ±5
<b>Cable &amp; Connector Termination</b>	250mm cable ( 1.13mm dia) & U.FL Connector

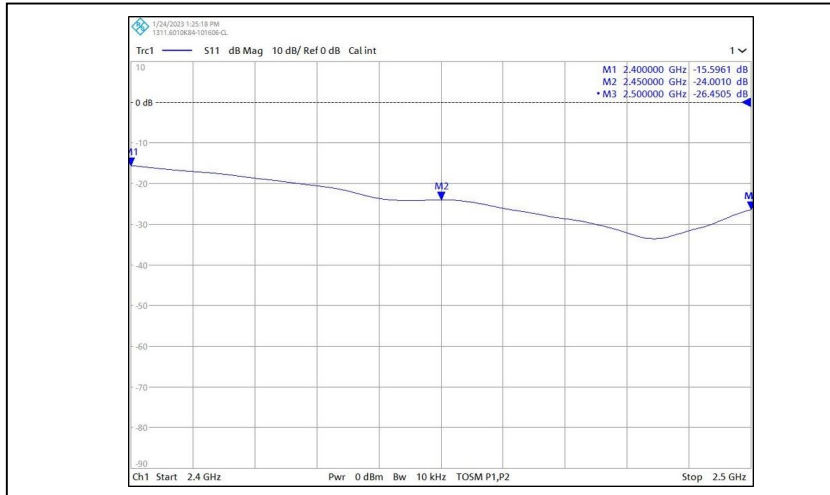
## Mechanical Parameters

<b>Dimension (mm)</b>	40 X 5x 0.4
<b>Gross Weight (grams)</b>	<5±5
<b>Radiating Material</b>	FR4(0.4mm thick)
<b>Mounting Surface</b>	Must be mounted on 1 to 1.5mm thick plastic surface

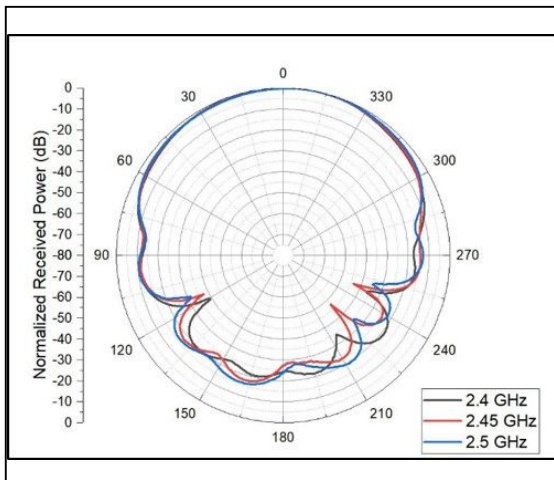
## Environmental Parameters

<b>Temperature Range(°C)</b>	(-) 50 to (+) 130
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## Return Loss



## Radiation Pattern (Vertical)



## Radiation Pattern (Horizontal)

