

BLE PCB Dipole Antenna 2.4 - 2.5 GHz



Electrical Parameters

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

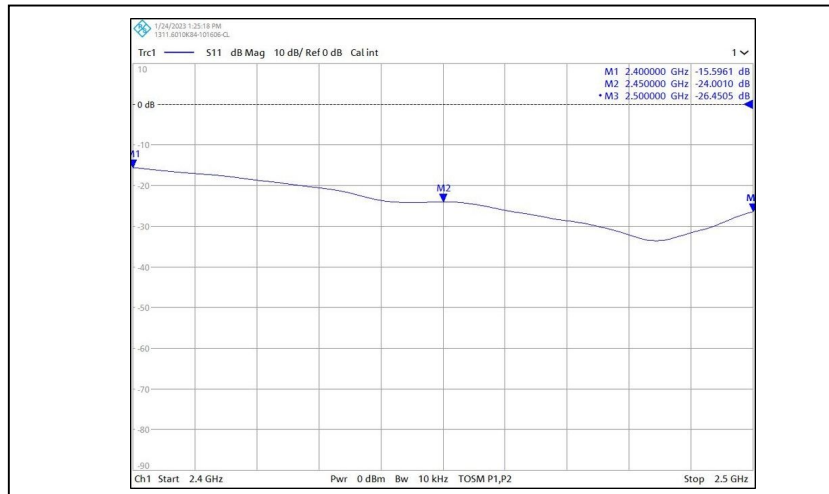
Mechanical Parameters

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

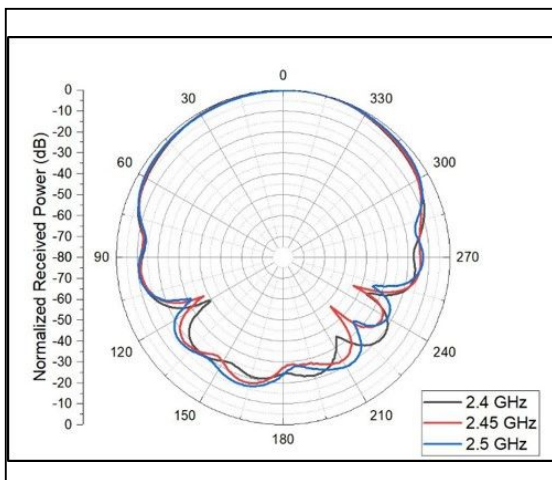
Environmental Parameters

Temperature Range(°C)	(-) 50 to (+) 130
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Return Loss



Radiation Pattern (Vertical)



Radiation Pattern (Horizontal)

