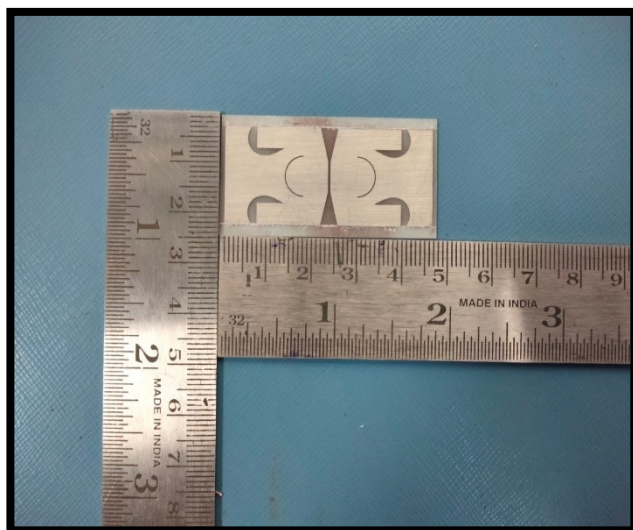




Dual Band Slotted Dipole Antenna 2.4 - 2.5 & 5.1 - 5.9 GHz

401-1-01798



Planar Dipole Antenna, 2.4GHz & 5GHz

Electrical Parameters

Frequency (MHz)	2400 - 2500	5100 – 5900
Gain (dBi)	4 ±0.5	6 ±0.5
S-Parameter(S11)dB	< -10	< -10
VSWR	<1.5	<1.5
Polarization	H & V	H & V
Pattern Type	Omni	Omni
Max. Power Input (Watts)	1	1
Impedance (Ω)	50 ±3	50 ±3
Cable & Connector Termination	170mm cable (1.13mm dia) & U.FL connector	170mm cable (1.13mm dia) & U.FL Connector

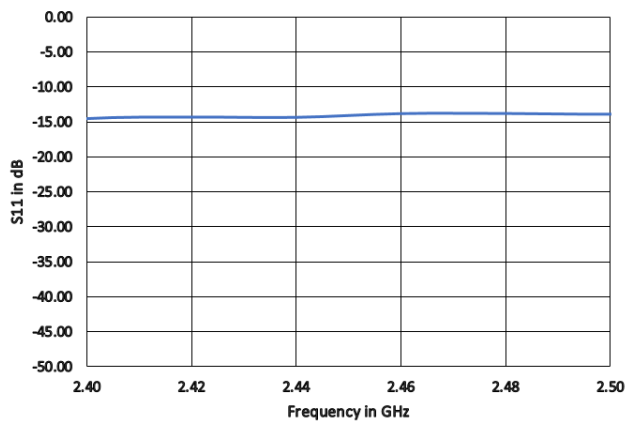
Mechanical Parameters

Dimension (mm)	46 X 21 x 0.4
Gross Weight (grams)	<10±5
Radiating Material	Copper (0.035mm thick)
Substrate	FR4_Epoxy
Mounting Surface	Must be mounted on 1 to 3mm thick ABS Plastic or similar material (Adhesive included)

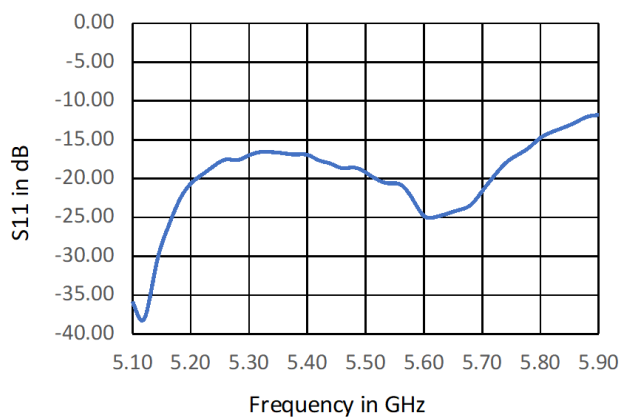
Environmental Parameters

Temperature Range (°C)	(-) 20 to (+) 130
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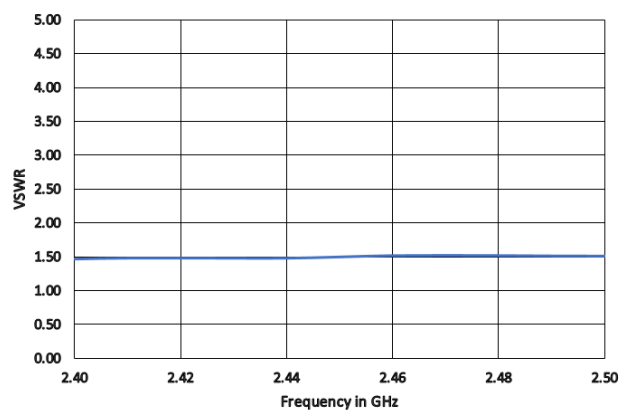
Reflection Coefficient 2.4GHz



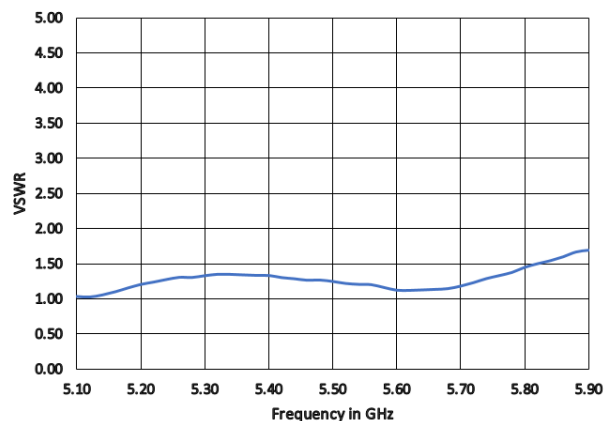
Reflection Coefficient 5GHz



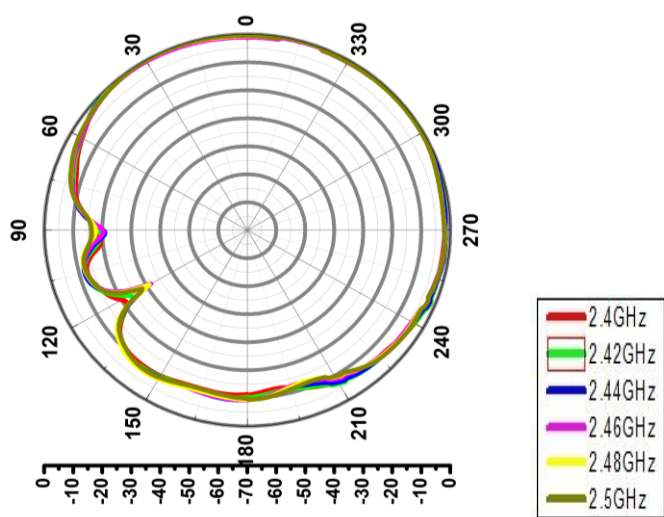
VSWR 2.4GHz



VSWR 5 GHz



Radiation Pattern 2.4GHz



Radiation Pattern 5GHz

