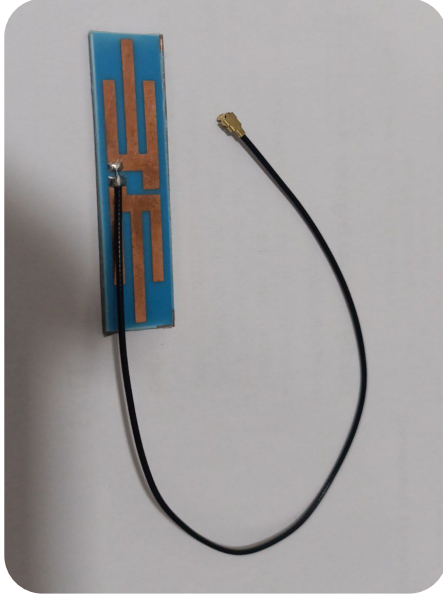


Dual Band Internal PCB Omni Antenna (2.4-2.484 GHz & 5.18-5.850 GHz)

HFDBD-PBPCANT-3-5-0.2



Electrical Parameters

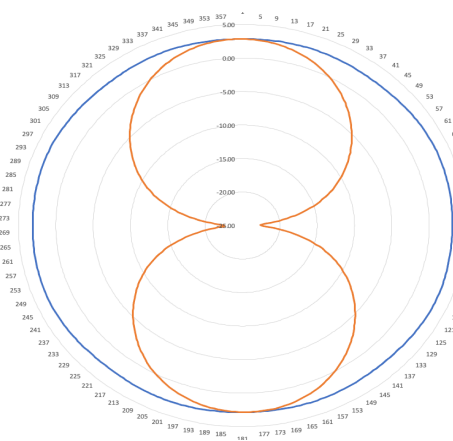
Frequency (MHz)	2400-2484	5180-5850
Gain (dBi)	3.5±0.5	5.5±0.5
VSWR	1.5 : 1	1.5 : 1
	2.0 : 1.0	2.0 : 1.0
H Plane BW (°)	70±1	70±1
E Plane BW (°)	70±1	70±1
Polarization	Linear	
Maximum Power Inputs (Watts)	10	
Impedance (Ω)	50	
Cable & Connector Termination	197±2 mm 1.13 mm cable UFL Female Connector	

Environmental Parameters

Temperature Range (°C) (-) 40 to (+) 70

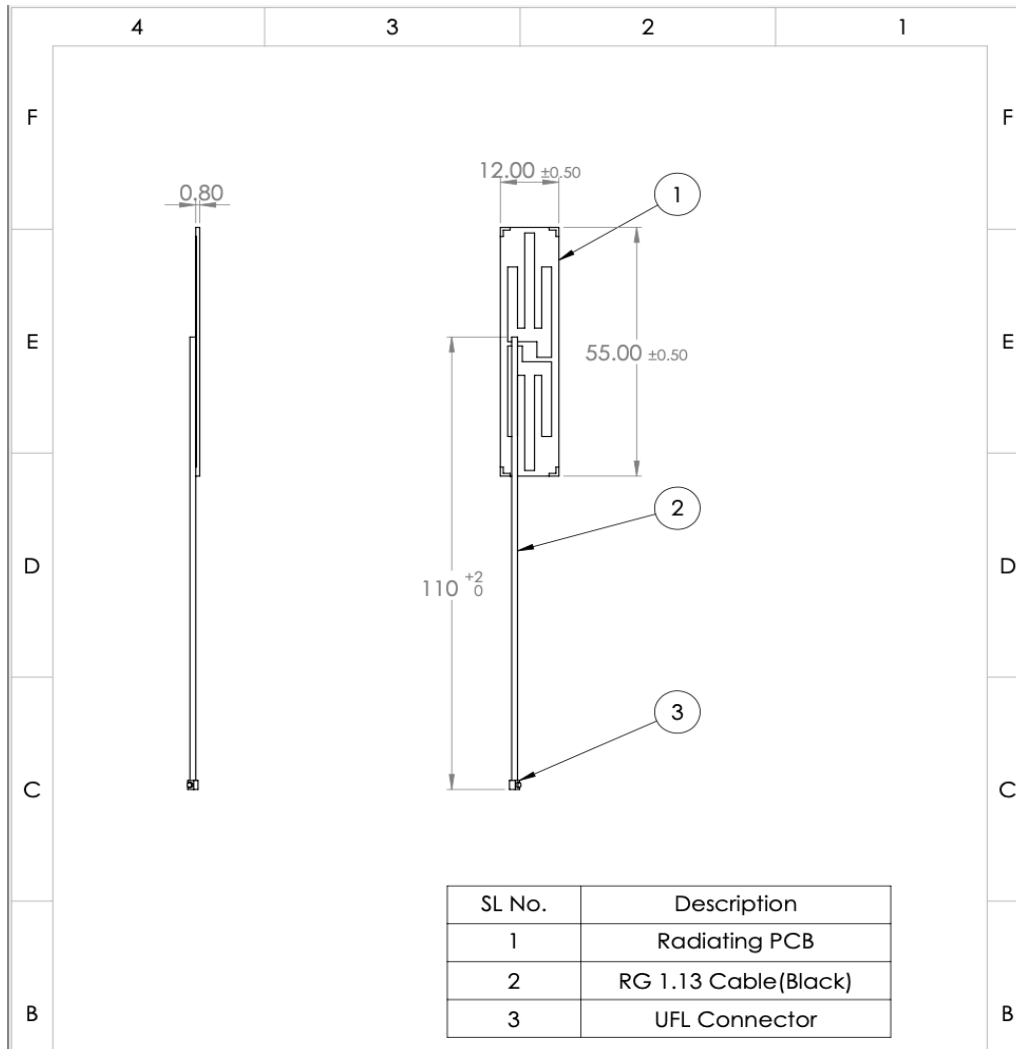
Mechanical Parameters

Dimension (mm)	55 X 12 X 0.8 (T)
Gross Weight (Grams)	5±2
Fixing Method	3M VHB 4941



Release date : 07/02/2023 Version : 1.0

Dual Band Internal PCB Omni Antenna (2.4-2.484 GHz & 5.18-5.850 GHz)



Project: Dual Band Internal PCB Omni Antenna (2.4-2.484 GHz & 5.18-5.850 GHz)					
		Name	Date		
This document is the proprietary of HFCL Limited and reproduction of any kind is prohibited Unless specified All dimensions are in mm. Linear: ± 0.1 , ± 0.05 , ± 0.005 ANGULAR: ± 0.1	APPD			Title: Internal Omni Antenna	
	CHKD	AL	3.02.23		
	DRN	MT	3.02.23	Finish: N/A	Qty: N/A
			Drg No: TM OM 248455801		Scale: 1:1

Release date : 07-02-2023 Version : 1.0