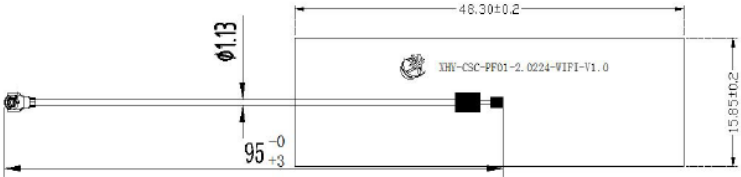


1. General Information

1.1 Antenna Information

Manufacturer:	Huizhou Chongxin Technology Co.,Ltd
Address of Manufacturer:	Building B, Sumu Village Group, Hongtian Village, Xinxu Town, Huiyang District, Huizhou City
Product Name:	FPCB Antenna
Model Name:	CB002
Frequency Range:	2400MHz – 2500MHz, 5150-5850MHz
Type of Antenna:	FPCB Antenna
Antenna Gain:	2.4GWiFi:5.25dBi, 5GWiFi:7.47dBi (Max.)
Impedance:	50 ohm
Antenna View:	 The technical drawing shows a side view of the antenna. It features a horizontal mounting arm with a diameter of $\phi 1.3$ mm. The distance from the mounting point to the center of the antenna element is 95^{+0}_{-3} mm. The antenna element itself is a rectangular patch with a length of 48.30 ± 0.2 mm and a width of 15.85 ± 0.2 mm. The part number 'XHW-CSC-PF01-2_0224-VIFI-V1.0' is printed on the patch. A small circular logo is also visible on the patch.

2. Antenna Specification information

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2400MHz	5.25	Horizontal
2400MHz	4.31	Vertical
2450MHz	4.39	Horizontal
2450MHz	4.22	Vertical
2500MHz	4.12	Horizontal
2500MHz	4.02	Vertical
5150MHz	7.47	Horizontal
5150MHz	7.25	Vertical
5500MHz	7.31	Horizontal
5500MHz	7.17	Vertical
5850MHz	7.13	Horizontal
5850MHz	6.99	Vertical

2.2 Radiation Pattern View

