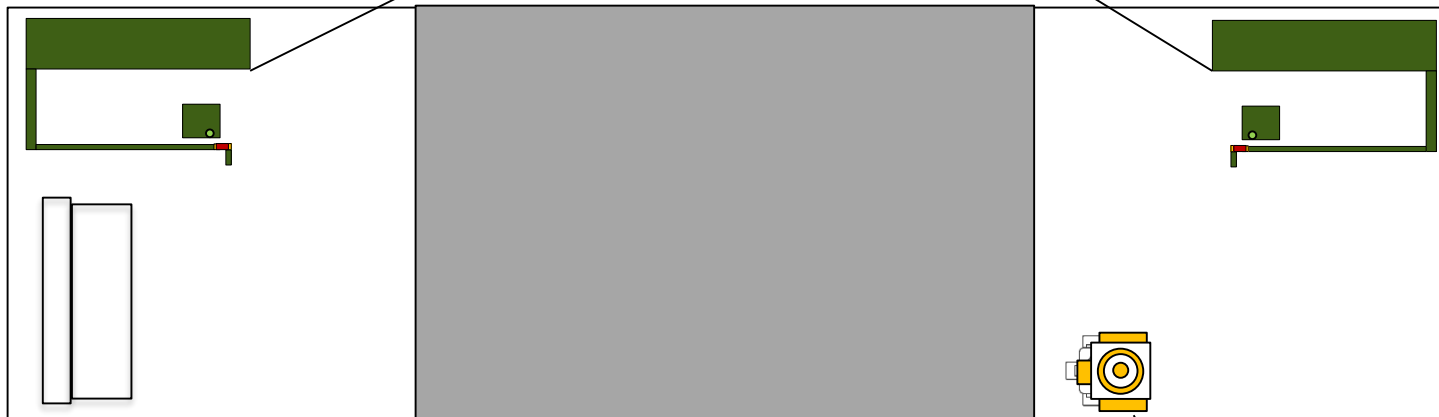


ANT Specifications

2.4G/5G Wi-Fi Antenna (Pattern ANT)

Print ANT A
2.412~2.462, 5.180~5.240,
5.745~5.825GHz

Print ANT B
2.412~2.462, 5.180~5.240,
5.745~5.825GHz

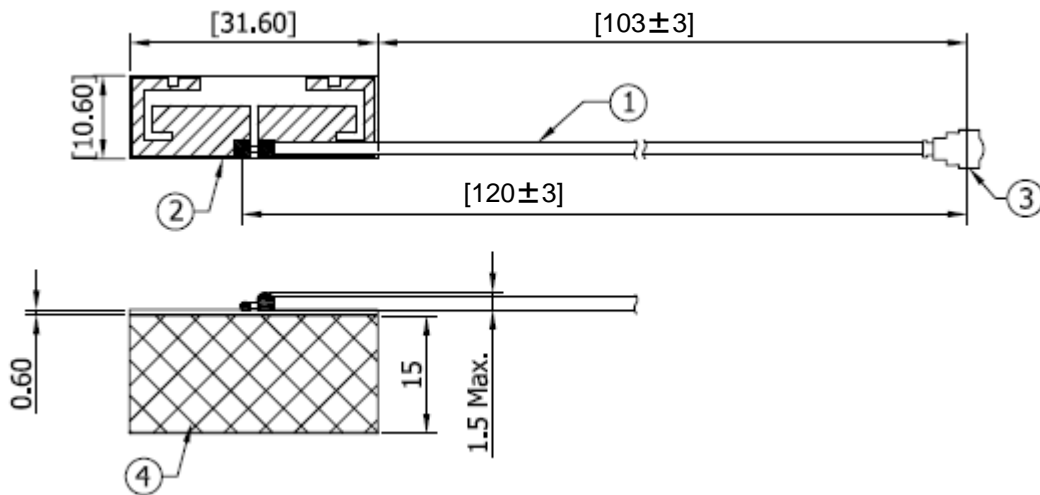


- Wi-Fi Antenna A, B : $\lambda/4$ monopole antenna
- Bluetooth Antenna : External PCB Antenna

Connector for External
Bluetooth Antenna
2.402~2.480GHz

Antenna Characteristics (Bluetooth/Wi-Fi ANT A/B)

	Bluetooth ANT			Wi-Fi ANT A					Wi-Fi ANT B				
	2.402	2.44	2.48	2.412	2.437	2.462	5.18	5.825	2.412	2.437	2.462	5.18	5.825
Directivity (dBi)	6.09	5.85	5.36	5.89	5.62	5.89	6.16	9.29	8.64	8.78	8.69	6.02	6.80
Efficiency (%)	16%	20%	26%	11%	11%	11%	38%	24%	10%	10%	8%	14%	23%
Efficiency (dB)	-7.98	-6.92	-5.78	-9.74	-9.76	-9.66	-4.25	-6.17	-9.79	-10.17	-10.71	-8.56	-6.41
Gain (dB)	-1.89	-1.07	-0.42	-3.85	-4.14	-3.77	1.91	3.12	-1.15	-1.39	-2.02	-2.55	0.38



External Bluetooth antenna
 Vender: M-gear (Wha Yu Group)
 Address: No.326, Sec. 2, Kung Tao 5
 Road, Hsin Chu City, Taiwan, R.O.C.

4	泡棉雙面背膠	EVA+G4000;UL MH15431	1	100-40093532-AZ
3	Connector	I-PEX Connector;UL E213445	1	Z101-02110002-B1
2	PCB	FR4 ;24mil;UL E123995	1	100-4008929-AZ
1	Cable	φ1.13 Cable,Gray,500;UL E318898	1	100-1003096-AZ
NO		DESCRIPTION	QTY	REMARK

Part No.: C1914-510**-A
 **=08 for cable length 12cm
 Cable length <100cm