

# Antenna ANT000 with an Adaptor Cable

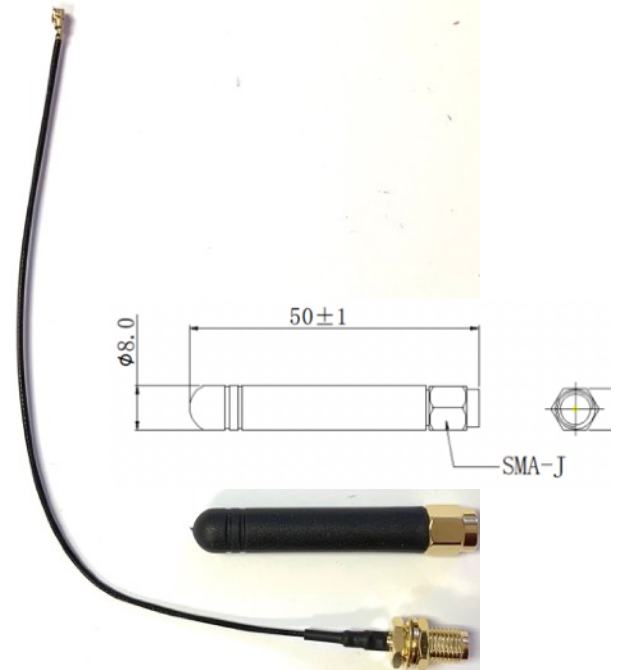
## ANT000 Antenna

ANT000 antenna can be used with Fanstel module with an u.FL connector. It consists of:

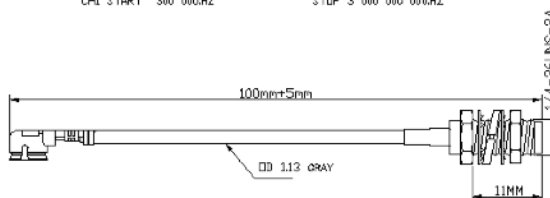
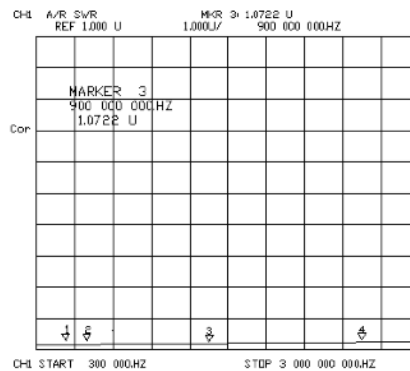
- an antenna with an SMA connector and + 0 dBi gain
- an SMA connector to u.FL connector adaptor cable.
- panel mounting hardware at SMA connector side of adaptor cable.

## Specifications

- Frequency range: 2400 to 2500 MHz.
- Gain: 0 dBi
- Impedance: 50 ohm
- Max power: 10W
- Antenna size: 50mm x 8mm
- Adaptor cable size: 100mm x 9mm.
- Shell material: ABS
- Operating temperature: -30° C to + 60° C.
- Antenna gains in the table below.



Passive Test For WIFI2.4											
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenuat Hor	Attenuat Ver	
2400	32.68	-4.86	0.47	-1.68	14.886	17.797	0.47	-16.13	50.53	50.95	
2410	34.64	-4.6	0.41	-1.74	16.371	18.27	0.41	-15.03	50.59	50.98	
2420	30.38	-5.17	0.15	-2	14.111	16.264	0.15	-16.03	50.54	50.93	
2430	28.58	-5.44	-0.05	-2.2	13.192	15.389	-0.05	-16.57	50.66	50.95	
2440	32.88	-4.83	0.49	-1.66	15.165	17.717	0.49	-13.23	50.99	51.33	
2450	35.52	-4.5	0.9	-1.25	16.557	18.964	0.9	-16.75	51.3	51.51	
2460	34.05	-4.68	0.69	-1.46	15.765	18.283	0.69	-15.52	51.34	51.36	
2470	31.52	-5.01	0.19	-1.96	14.523	16.995	0.19	-15.81	51.24	51.14	
2480	31.32	-5.04	0.22	-1.93	14.495	16.821	0.22	-17.29	51.34	51.18	
2490	32.97	-4.82	0.73	-1.42	15.448	17.522	0.73	-16.44	51.53	51.38	
2500	30.32	-5.18	0.46	-1.69	13.857	16.459	0.46	-18.21	51.42	51.26	



Specifications	
Product name	Adapler Cable
Model Type	SMA101
Frequency Range	0-3GMHZ
Band Width	3000MHz
Vswr	<1.2
Cable	OD 1.13
Impedance	50 OHM
Polarization	----
Radiation	----
Max power	20 W
Connector	SMA-K / IPEX
Dimensions	100MM*9mm
Shell material	copper & plastic
Installation	screw
Temperature	-30° -- 60°
Weight	4.5g
<b>Descriptions</b> An easy to mount adapter cable between SMA and UFL connectors	

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