

HG720 BT Antenna

4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>HG720 BT ANT</u>		
2	Brand	<u>2.4G</u>		
3	Operation Frequency	<u>2.4~2.48GHz</u>		
4	Connector Type	PCB		
5	Impedance	50ohm		
6	Gain	0dBi@2.4~2.48GHz		
7	Efficiency	$\geq 45\%$		
8	VSWR	≤ 2		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizon		



4.2 Gain & Efficiency

Frequency	Efficiency	
	%	dB
2400MHz	48%	-3.23016
2410MHz	46%	-3.34759
2420MHz	46%	-3.34287
2440MHz	46%	-3.33284
2450MHz	45%	-3.51433
2460MHz	43%	-3.67966
2470MHz	40%	-4.01094
2480MHz	37%	-4.29133

Frequency	Gain (dB)
2400MHz	0.023732
2410MHz	-0.13186
2420MHz	-0.37004
2440MHz	-0.38414
2450MHz	-0.64231
2460MHz	-0.74336
2470MHz	-0.84561
2480MHz	-0.8801

4.3 radiation pattern

	2.4GHz
Theta=90	
Phi=0	
Phi=90	