

AE2503 Wi-Fi Antenna

4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>AE2503 Wi-Fi ANT</u>		
2	Brand	<u>NA</u>		
3	Operation Frequency	<u>2.4~2.483GHz;</u> <u>5.150~5.875GHz</u>		
4	Connector Type	弹片		
5	Impedance	50ohm		
6	Gain	-3dBi@2.4~2.4835GHz 1.0dBi@5.15~5.25GHz 0.7dBi@5.725~5.85GHz		
7	Efficiency	$\geq 20\%$		
8	VSWR	≤ 2		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizon		
11	Weight			

4.2 Gain & Efficiency

Frequency (MHz)	Efficiency	Gain(dBi)
2400MHz	15%	-4
2420MHz	19%	-3.4
2440MHz	22%	-3
2460MHz	21%	-3.1
2480MHz	19%	-3.4
5150MHz	34%	0.5
5200MHz	37%	1.0
5250MHz	39%	1.0
5725MHz	32%	0.7
5750MHz	29%	0.5
5775MHz	26%	0.4
5800MHz	25%	0.4
5825MHz	24%	0.3
5850MHz	23%	0.2

4.3 radiation pattern

	2.4GHz	5.1&5.8GHz
Theta=90		

