

Antenna Specifications

1 Features:

Power Source: DC voltage supplied from AC Adapter.

Model:S018BYU1200150

Power Rating: O/P:100-240V~50/60Hz600mA

I/P:5V/9V/12V =3A/2A/1.5A

Operation Frequency: 2.4G: 2412MHz~2462MHz

5G: UNII-1:5150MHz~5250MHz

UNII-2A:5250MHz~5350MHz

UNII-2C:5470MHz~5725MHz

UNII-3:5725MHz~5850MHz

Modulation Type: IEEE802.11g:OFDM

IEEE802.11n:OFDM

IEEE802.11b:11/5.5/2/1Mbps

Bit Rate of Transmitter: IEEE802.11g:54/48/36/24/18/12/9/6Mb

IEEE802.11n:upto300Mbps

Maximum Output Power:IEEE802.11b:18.92dBm(0.0780W)

2 RF Features:

WLAN						
MODE	Operating Freq.		TX/RX	Cond. Avg power(dBm)		Beamforming Gain
WiFi_2.4G						
802.11b	2.4G~2.4835GHz	Supported	2TX2RX	16	Single Power	0
802.11g	2.4G~2.4835GHz	Supported	2TX2RX	15	Single Power	0
802.11n(20M)	2.4G~2.4835GHz	Supported	2TX2RX	14	Single Power	0
802.11n(40M)	2.4G~2.4835GHz	Supported	2TX2RX	14	Single Power	0
Highest data-rate		Ex.: MCS7				
WiFi_5G						
802.11a	5.15~5.25GHz	Supported	2TX2RX	10	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	10	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	14	Single Power	0
	5.725~5.850GHz	Supported CH165	2TX2RX	14	Single Power	0
802.11n(20M)	5.15~5.25GHz	Supported	2TX2RX	7	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	7	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	10	Single Power	0
	5.725~5.850GHz	Supported CH165	2TX2RX	11	Single Power	0
802.11n(40M)	5.15~5.25GHz	Supported	2TX2RX	7	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	7	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	10	Single Power	0
	5.725~5.850GHz	Supported CH165	2TX2RX	11	Single Power	0
802.11ac(20M)	5.15~5.25GHz	Supported	2TX2RX	7	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	7	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	10	Single Power	0
	5.725~5.850GHz	Supported CH165	2TX2RX	11	Single Power	0
802.11ac(40M)	5.15~5.25GHz	Supported	2TX2RX	7	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	7	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	10	Single Power	0

	5.725~5.850GHz	Supported CH165	2TX2RX	11	Single Power	0
802.11ac(80M)	5.15~5.25GHz	Supported	2TX2RX	6	Single Power	0
	5.25~5.35GHz	Supported	2TX2RX	6	Single Power	0
	5.47~5.725GHz	Supported	2TX2RX	9	Single Power	0
	5.725~5.850GHz	Supported CH165	2TX2RX	10	Single Power	0