



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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IEEE 802.11 Antennas



Model Name	ANT-WD-A-RF-0305	ANT-WS-AB-RM-05-180	ANT-WS-AB-RM-05-200	ANT-WS-A-NF-09	ANT-WS-A-NF-09-150
Frequency Range	2.4/5 GHz	2.4 GHz	2.4 GHz	2.4~2.5 GHz	2.4~2.5 GHz
Radiation	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Typical Antenna Gain	3/5 dBi	5 dBi	5 dBi	9 dBi	9 dBi
Impedance	50 Ohm	50 Ohm	50 Ohm	50±5 Ohm	50±5 Ohm
Polarization Linear	Vertical	Vertical	Vertical	Linear	Linear
Cable Type	-	RG-316	RG-174	-	RG-58/U
HPBW / Horizontal	360°	360°	360°	360°	360°
HPBW / Vertical	-	-	-	10°	10°
V.S.W.R	≤ 2	≤ 2	≤ 2	1:1.3 Max	1:1.3 Max
Power Handling	-	-	-	15W max	15W max
Antenna Connector	RP-SMA(Female)	RP-SMA(Male)	RP-SMA(Male)	N-type(Female)	N-type(Female)
Cable Connector	-	RP-SMA(Female) to RP-SMA(Male)	RP-SMA(Female) to RP-SMA(Male)	-	N-type(Male) to RP-SMA(Male)
Operating Temperature	-20~65°C	-20~65°C	-30~85°C	-20~60°C	-20~60°C
Antenna Profile	160mm length	236.4mm length with 180cm cable	196.6mm length with 200cm cable	420mm length	420mm length with 150cm cable
Weight	26g	166g	125g	430g	520g

Ordering Information

ANT-WD-A-RF-0305	IEEE 802.11 a/b/g 2.4/5 GHz, Dual Band, omni-directional antenna, 3/5dBi, RP-SMA(F)
ANT-WS-AB-RM-05-180	IEEE 802.11 b/g 2.4 GHz, Single Band, omni-directional antenna, 5dBi, RP-SMA(M), with 180cm Cable, with Base
ANT-WS-AB-RM-05-200	IEEE 802.11 b/g 2.4 GHz, Single Band, omni-directional antenna, 5dBi, RP-SMA(M), with 200cm Cable, with Base
ANT-WS-A-NF-09	IEEE 802.11 b/g 2.4~2.5 GHz, Single Band, omni-directional antenna, 9dBi, N-type(F)
ANT-WS-A-NF-09-150	IEEE 802.11 b/g 2.4~2.5 GHz, Single Band, omni-directional antenna, 9dBi, N-type(F), with 150 cm cable

Connector Types



N Type
(Male)



N Type
(Female)



RP-SMA Type
(Male)



RP-SMA Type
(Female)



SMA Type
(Male)



SMA Type
(Female)



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CA_Antenna_E : v1-110830