



Antenna  
天線



SMA male (Antenna)  
內針內牙 (天線)



RP-SMA male (Antenna)  
內孔內牙 (天線)



IPX cable  
射頻同軸線



SMA female (Pigtail)  
內孔外牙 (射頻同軸線)



RP-SMA female (Pigtail)  
內針外牙 (射頻同軸線)

Model	ANT0918-IPX	ANT2300Q2P	ANT2427Q2A-SMA	ANT3500Q2P	ANT0818Q2P-SMA			ANT0918Q2P1-RPSMA ANT0918Q2P1-SMA	ANT0921Q2P-SMA	ANT2327Q2P-SMA A
Applications	CDMA	WIMAX	WIFI / WIMAX / LTE	WIMAX	CDMA	GPS	CDMA	CDMA	CDMA	WIMAX / LTE
Freq.Range	800-960 1710-1880 MHz	2300-2400 MHz	2400-2700 MHz	3400-3600 MHz	824-894 MHz	1575-1577 MHz	1850-1990 MHz	890-960 MHz 1710-1880 MHz	800-960 MHz 1710-2170MHz	2300-2700 MHz
Bandwidth	160 / 170MHz	100 MHz	300 MHz	200MHz	70MHz	2MHz	140MHz	70/170MHz	80/460 MHz	400 MHz
Gain(dBi)	1 dBi	2.15dBi	3.5dBi	2.5 dBi	< 1dBi	2dBi	< 3dBi	2 dBi	>2dBi	2.15dBi
V.S.W.R	3: 1	<2	≤1.5	<2.0	< 2.5; Type<3			< 2	800-880 <5 880-960 <2.5 1710-2170	<2; Type<2.5
Nominal Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω			50 Ω	50 Ω	50 Ω
Polarization	linear	Vertical	Vertical	Vertical	Vertical			Vertical	Vertical	Vertical
Max Power	10W	25W	50W	50W	50W			25 W	50W	25 W
Connector	IPX	SMA	SMA	SMA	SMA			Right Angle RP-SMA Right Angle SMA	SMA	SMA
Height	125mm	137mm	106.5mm	137mm	210mm			50mm	210mm	137 mm
Radome Material	PCB FR4	TPEE	TPEE	TPEE	TPEE			TPEE	TPEE	TPEE
Radome Color	Black	Black	Black	Black	Black			Black	Black	Black
Weight (g)	2 g	60g	30g	50g	50g			10g	50g	50g

Model	ANT2400Q2P	ANT2400Q2P3	ANT2458Q5P		ANT2500Q2P	ANT5800Q5P
Applications	WIFI	WIFI	WIFI	WIFI	WIMAX	WIFI
Freq.Range	2400-2483.5MHz	2400-2483.5MHz	2400-2483.5MHz	5150-5850MHz	2500-2600MHz	5725-5850 MHz
Bandwidth	83.5 MHz	83.5 MHz	83.5MHz	700MHz	100MHz	125 MHz
Gain(dBi)	2.15dBi	2.15dBi	2dBi	5dBi	2dBi	5dBi
V.S.W.R	<2	<2	<2		<2	≤ 2
Nominal Impedance	50 ohm	50 ohm	50 Ω		50ohm	50 Ω
Polarization	Vertical	Vertical	Vertical		Vertical	Vertical
Max Power	25W	25W	5W		25W	50W
Connector	PR-SMA	RP-SMA	RP-SMA		SMA	RP-SMA
Height	137mm	115 mm	152mm		137mm	205mm
Radome Material	TPEE	TPEE	ABS		TPEE	TPEE
Radome Color	Black	Black	Black		Black	Black
Weight (g)	60g	20g	150g		60g	100 g

CDMA/GPS	WIFI	WIMAX
ANT0918IPX	ANT2400Q2P	ANT2300Q2P-SMA
ANT0818Q2P-SMA	ANT2400Q2P3	ANT2327Q2P-SMA
ANT0918Q2P1	ANT2427Q2A-SMA	ANT2427Q2A-SMA
ANT0921Q2P-SMA	ANT2458Q5P	ANT2500Q2P-SMA
	ANT5800Q5P	ANT3500Q2P-SMA

# Antenna Comparison

天線型號 天线料号 P/N	低頻區域 低频区间 Low Fre. Area	高頻區域 高频区间 High Fre. Area
ANT0918Q2P1 	單極 单极子 monopole	單極 单极子 monopole
ANT0818Q2P 	偶極 偶极子 dipole	偶極 单极子 monopole
ANT0918Q2P 		
ANT0921Q2P 		
ANT2300Q2P 		
ANT2400Q2P 		
ANT2427Q2P 	偶極 偶极子 dipole	偶極 偶极子 dipole

As a New manufacturer of quality computer connectivity products since 2009/Mar, BPLUS technology brings to market a broad range of upgrade products. These products bridge the connection between Desktop/Notebook systems and external peripherals.



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