Connecting Wireless Industries

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Part Number	TA-4B-A-WE01	TA-S8B-A-WE01	TA-S10W-A-WE01	TA-S7B-A-WE01	TA-5B-A-L01	TA-S10B-A-L02	TA-C12B-A-L02	TA-16B-A-L01
Supported Bands	2400~2500MHz 5150~5850MHz	2400~2500MHz 5150~5850MHz	2400~2500MHz 5150~5850MHz	2400~2500MHz 5150~5850MHz	824~960MHz 1710~2170MHz	698~960MHz 1710~2690MHz	698~960 MHz 1710~2690 MHz 3300~3800 MHz	700~960 MHz 1710~2700 MHz
Efficiency (%)	69/ 80	95 / 64	75 / 82	90 / 79	73/ 77	63 / 41	54 / 73 / 65	35 / 40
Peak Gain	9 dBi / 5 dBi	6 dBi	2 dBi	5 dBi	3.65 dBi / 4.56 dBi	1.68 dBi	2.5 dBi / 5 dBi	2 dBi
Dimensions (mm)	394(L) x Ø 13	193(L) x Ø 13	108(L) x Ø 10	157.5(L) x 17.6(W)	65.7(L) x Ø 7.8	108(L) x Ø 10	221(L)x27(W)x13.5(T)	34 (L) x 17(w) x Ø 7.8)
Connector	RP-SMA(M)	RP-SMA(M)	RP-SMA(M)	RP-SMA(M)	RP-SMA(M)	SMA(M)	SMA(M)	SMA(M)

Flexible PCB Antennas

Part Number	TA-2B-A-W01	TA-R17B-A-S901	MW-1B-A-C01
Supported Bands	2400~2500MHz	902~928MHz	824~960MHz 1710~2170MHz
Efficiency (%)	65	92	34 / 22
Peak Gain	0dBi	1.5 dBi	2 dBi
Dimensions (mm)	30(L) x Ø 8	196(L) x Ø 12.5	116(L) x Ø 29.5 Base
Connector	RP-SMA(M)	SMA(M)	SMA(M)

Part Number	FP-C08	FP-GL01	FP-WE05	FP-WE06
Supported Bands	824~960MHz 1710~2170MHz	698~960MHz 1575.42MHz 1710~3800MHz	2400~2500MHz 5150~5850MHz	2400~2500MHz 5150~5850MHz
Efficiency (%)	35 / 60	40 / 50	50 / 50	60 / 50
Peak Gain	1.5 dBi / 6 dBi	2 dBi / 4 dBi	3 dBi / 3 dBi	3 dBi / 4 dBi
Dimensions (mm)	60(L)x20(W)x0.2(T)	66.5(L)x20(W)x0.2(T)	32.5(L)x31.1(W)x0.2(T)	43.4(L)x5(W) x0.2(T)

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Positioning Solutions

Part Number	EG-11B	EG-6B-AS	EG-20W	EG-17BW
Supported Bands	1559~1605MHz	L1/L2	L1 / L2 / L5	L1 / L2 / L5
LNA Gain	41 dBi	33 dBi	43 dBi	43 dBi
Noise Figure	1.2 dB	2.5 dB	2.5 dB	2.5 dB
Dimensions (mm)	49.5(L)x40.8(W)x14.6(H)	∅ 80 x 25.4(H)	∅ 115 x 73.7(H)	∅ 140 x 49(H)
Mounting Type	Magnetic Mount / Adhesive Mount	Magnetic Mount / Adhesive Mount	Pole Mount	Pole Mount

Part Number	EG-23B	EG-24W	EG-16W
Supported Bands	1575.42 MHz	1575.42 & 1602 MHz	1561~1606 MHz
LNA Gain	28 dBi	27 dBi	35 dBi
Noise Figure	5 dB	1.5 dB	1.5 dB
Dimensions (mm)	33.9(L)x25.2(W)x10.6(H)	∅ 60 x 38(H)	∅ 60.5 x 78(H)
Mounting Type	Magnetic Mount / Adhesive Mount	Screw Mount	Screw Mount

Chip and Patch Antennas

Part Number	SCA01-A-W01	SCA02-A-W01	SCA08-A-GW01	SCA06-A-S01
Supported Bands	2400~2500MHz	2400~2500MHz 5150~5850MHz	1575.42MHz 2400~2500MHz 5150~5850MHz	902~928MHz
Efficiency (%)	84	76 / 67	61 / 50 / 62	69
Peak Gain	2.5 dBi	1.4 dBi / 2.3 dBi	1.5 dBi/0.4 dBi/2.3 dBi	0.9 dBi
Dimensions (mm)	3.2(L)x1.6(W)x0.5(T)	3.2(L)x1.6(W)x0.5(T)	3.2(L)x1.6(W)x0.5(T)	10(L)x3.2(W)x0.5(T)
Mounting Type	Direct SMT	Direct SMT	Direct SMT	Direct SMT

Part Number	SCA03-A-S01	CBA918-A-L01	SPCB-L02-01	CP-124A	CP-152A
Supported Bands	863~870MHz	698~960MHz 1710~2690MHz	698~960MHz 1710~2690MHz	1575.42MHz ±3 MHz 1602MHz ±8 MHz	1575.42MHz ±3 MHz 1602MHz ±8 MHz
Efficiency (%)	47	50 / 55	45 / 50	35	40
Peak Gain	0 dBi	1.0 dBi / 2.6 dBi	1 dBi / 3 dBi	≦1.0 dBi	≦0.8 dBi
Dimensions (mm)	5(L)x3(W)x0.5(T)	35(L)x5(W)x4(T)	40(L)x8(W)x3(T)	12(L)x12(W)x4(T)	15(L)x15(W)x2(T)
Mounting Type	Direct SMT	Direct SMT	Direct SMT	Pin Soldering	Pin Soldering

Other Dimensions Available

External Combo Antennas

	6-in-1	5-in-1	3-in-1	3-in-1
Part Number	MT-15B	MT-10B-AC	MT-9B-AC	MT-6B-AC/AS
Supported Bands	5G NR/4G LTE MIMOx2 WiFi x3 GNSS x1	5G NR/4G LTE MIMOx2 WiFi MIMO x2 GNSS x1	5G NR/4G LTE x1 WiFi x1 GNSS x1	5G NR/4G LTE MIMOx2 GNSS x1
Peak Gain	LTE 3/GNSS 28/WiFi 3	LTE 6.9/GNSS 27/WiFi 3.9	LTE 6.1/GNSS 27/WiFi 5.5	LTE 5 / GNSS 27
Dimensions (mm)	170.3(L)x70.3(W)x15.4(H)	∅ 103 x 43.5(H)	∅ 80 x 37.5(H)	∅ 80 x 90(L)x 25.4(H)
Mounting Type	Adhesive Mount	Screw Mount	Screw Mount	Screw Mount / Magnetic Mount / Adhesive Mount

Combination Antenna Series

- 5G NR / 4G LTE: 698MHz~960MHz / 1500MHz / 1710MHz~2700MHz / 3300MHz~3800MHz / 5150~5850MHz
- WiFi: 2400MHz~2500MHz / 5150MHz~5850MHz
- GNSS: 1561MHz~1602MHz

	3-in-1			
Part Number	MT-4B-AC/AS	EI-26B	TA-18W-L/LJ	TA-18W-W
Supported Bands	5G NR / 4G LTE x1 WiFi 2.4GHz x1 GNSS x1	902~928MHz	5G NR / 4G LTE	2400~2500MHz 5150~5850MHz
Peak Gain	LTE 5.5/GNSS 27/WiFi 2.3	5.8 dBi	4.39/4.92/2.3/5.97dBi	2.5 dBi / 4 dBi
Dimensions (mm)	∅ 65 x 18.3(H)	∅ 42 x 75.6(H)	∅ 24 x 210(H)	∅ 24 x 210(H)
Mounting Type	Screw Mount / Magnetic Mount / Adhesive Mount	Screw Mount	Connector Mount N-TYPE(male)	Connector Mount N-TYPE(male)