

ECTCONN®

ANTENNA CATALOGUE

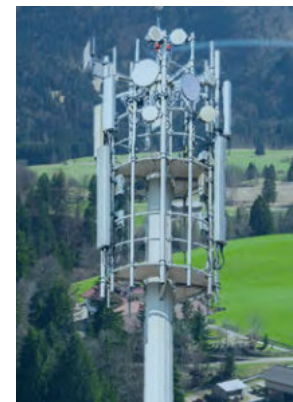
Provide Antenna and
Connectivity Solution for Global Customer



know more...

Changing the life with science and technology

Driving the future with Connectivity





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ABOUT ECT



Electric Connector Technology Co., Ltd. (ECT) was established in 2006 in Shenzhen China with a registered capital of 422.157 million RMB. The company has become public in 2017 at Shenzhen Stock Exchange Market, stock code 300679.SZ. Up to the beginning of 2023, we has 23 branches globally including Taiwan, Hongkong, South Korea, Japan, Thailand, Vietnam and US etc. with more than 8,000 employees worldwide.

After years of dedicated development, ECT has become a professional manufacturer in the fields of automotive connector, RF connector, antenna and electromagnetic shielding products, and our products are widely used in consumer electronics, IoT, communication equipments and automotive electronics and other fields. What's more important is that ECT has complete capability to design and deliver RF products with large volume from component to system level, and we are always committed to providing customers with one-stop RF solutions. ECT's RF connector and cable have an important position and big market share in China, and with significant amount in global market.

ECT has passed ISO9001, ISO14001, IATF16949, ISO45001, QC080000 and CNAS certification , we have excellent qualifications and will be dedicated to provide you with excellent service.

ECT Worldwide

Headquarters



- Shenzhen China
- www.ectsz.com
- salescn@ectsz.com

Manufacturing Locations



- China (Shenzhen, Suzhou, Nanjing, Hefei)
- Thailand (Samut Prakan)
- Vietnam(Bac Ninh)

R&D Center



- China (Shenzhen, Shanghai, Nanjing)
- United States (San Diego, Bay Area/San Jose)

Branches



- China (Shenzhen, Dongguan, Suzhou, Nanjing, Hefei, Hongkong)
- Thailand (Samut Prakan)
- Vietnam (Bac Ninh)

Office



- China (Chengdu, Xi'an, Beijing, Taipei)
- South Korea (Seoul)
- Japan (Yokohama)
- United States (San Diego, Bay Area/San Jose)

5G

SOLUTIONS



- As consumers embrace the lifestyle from the wireless connection, the antenna demand for different applications increases dramatically for both external and internal options. The wireless AP, base station and other external antennas continue to be strong and technically support more bands.
- 5G and the wireless IoT ecosystem boosts huge internal antenna requirements for different devices with more bands, smaller size, user friendly performance, as well as new FPC, LDS, LCP fabrication and production. ECT has all these ready in house.
- ECT is also catering a variety of Antenna Sample Kit to various applications such as LTE Cat M1, LORA, ISM and etc. ECT aims to decrease engineering time by providing many off-the-shelf antennas to developers to plug and test performance to find the perfect solutions for their device.
- ECT also offers multiple antenna technologies with all-in-one solutions to benefit customer's needs, which includes antennas' optimization and high isolation to achieve RF system level performance. By now, ECT ceramic cellular and GNSS antennas have been used as reference design by RF and antenna manufacturers and professionals.



DEVELOPMENT STRATEGY

Technological Innovation

Promote technical innovation in the connector industry, open up the industrial chain from the chip end to the manufacturing and application end, and enhance the market competitiveness of the company in the pan-5G era.

Solution Provision

Play the leading role of technology research and development, continue to promote the development and achievement transformation of the new generation of RF technology and product miniaturization, and strive to become a professional connector manufacturer to provide customers with a complete set of connection solutions.

Industry-university-research Cooperation

Continue to deepen industry-university-research cooperation with research institutes, universities and other institutions. Promoting the transformation of scientific and technological achievements, accelerate the establishment of innovative R&D system with the company as the main body, the market as the guidance, and the close combination of government, industry, education and research. Improve the ability of independent innovation to ensure that the company in cutting-edge technology trends, new product research, research projects, personnel training and reserve to make a forward-looking layout.

Localization Layout

Strengthen the research and development of automotive connector products and automation production equipment, improve the delivery capacity and in-depth study of automotive connector in the field of Ethernet application and connection direction in high frequency environment, promote the domestic layout of automotive connector.

Overseas Strategy

Promote overseas strategic layout and increase the scale of international market share.



Stick Antenna

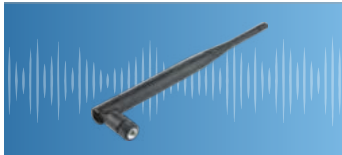
2G Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U097	880 - 960 1710 - 1880	19
		81800U458		
		81800U380		
	2	81800U381	880 - 960 1710 - 1880	19

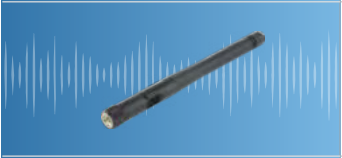
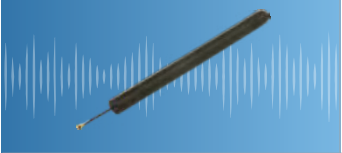
3G Antenna

	1	81800T882	790 - 960 1710 - 2170	20
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4G / 5G Antenna

	1	81800U117	790 - 960 1710 - 2170	20
		81800U203		
	2	81800U734	617 - 960 MHz 3300 - 4200 MHz 1427 - 1661 MHz 4400 - 5000 MHz 1710 - 2700 MHz 5150 - 5925 MHz	21

ISM / ZigBee Antenna

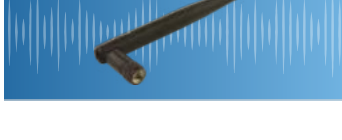
Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U082	915	21
		81800U150		
	2	81800U125	915	22
		81800U199		
	3	81800U372	915	22

ZigBee / Lora Antenna

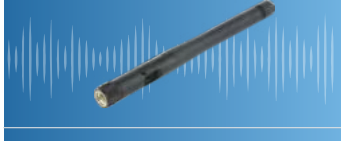
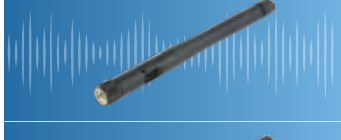
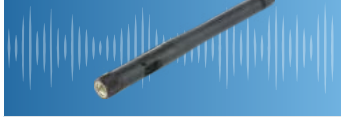
	1	81800U094	868	23
	2	81800U149	868	23
	3	81800U112	868	24
	4	81800U198	868	24
	5	81800U123	169	25

Stick Antenna

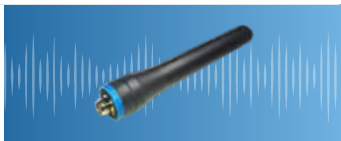
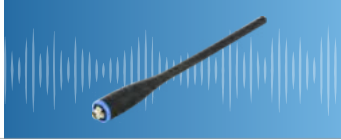
ZigBee / Lora Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	6	81800U370	433	25
	7	81800U142	433	26
	8	81800U196	433	26
	9	81800U202	433	27
	10	81800U371	470	27
	11	81800U197	470	28
	12	81800U143	470 - 510	28
	13	81800U148	470 - 510	29
	14	81800U204	470 - 510	29

Wi-Fi Antenna

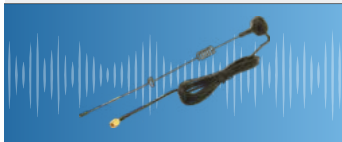
Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U225	2400 - 2483	30
		81800U340		
	2	81800U098	2400 - 2483	30
		81800U099		
	3	81800U200	470 - 510	31
	4	81800U252	2400 - 2483	31
		81800U330		
	5	81800U043	2400 - 2483 5150 - 5850	32
	6	81800U201	5150 - 5850	32

VHF / UHF Antenna

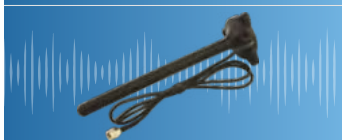
	1	NA	350 - 400 / 157±5	33
	2	81800U858	400 - 470	33

Magnetic Mounts Antenna

4G Antenna

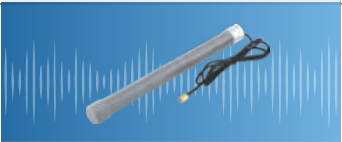
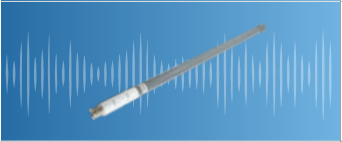
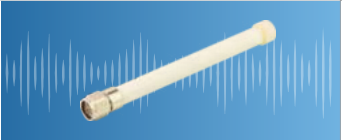
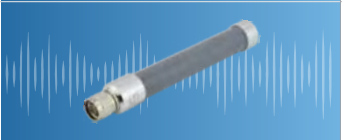
Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U096	824 - 960 1710 - 2690	34
	2	81800U133	824 - 960 1710 - 2690	34
		81800U331		

2G / ZigBee / Lora / Wi-Fi Antenna

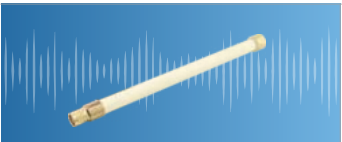
	1	81800U351	824 - 960 1710 - 1880	35
	2	81800U075	915	35
	3	81800U290	470 - 510	36
	4	81800U304	2400 - 2483	36

Fiber-glass Antenna

5G Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U424	704 - 960 1710 - 2690	37
	2	81800T596	824 - 960	37
	3	81800U040	1710 - 1880	38
	4	81800U700	600 - 960 1710 - 2690 3300 - 5000	38

RFID Antenna

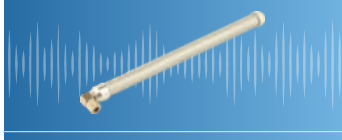
	1	81800U183	915	39
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Lora Antenna

	1	81800T585	470 - 510	39
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Fiber-glass Antenna

Wi-Fi Antenna

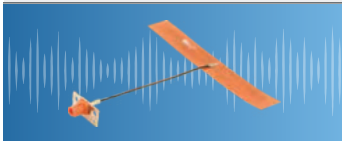
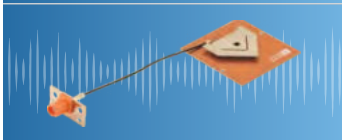
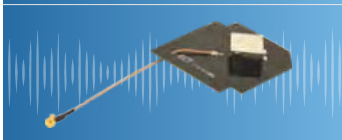
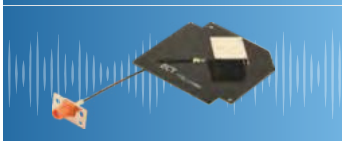
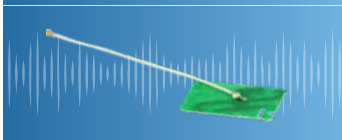
Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U041	5150 - 5925	40
	2	81800U042	2400 - 2500 5150 - 5850	40
	3	81800T597	2400 - 2500	41
	4	81800U076	2400 - 2500	41

Automotive Antenna

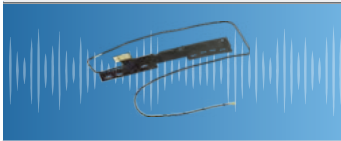
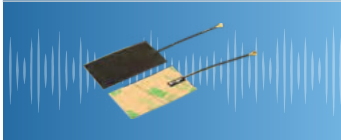
Automotive Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	81800U844	LTE: 700 - 2700 V2X1#: 5855 - 5925 V2X2#: 5855 - 5925 GNSS: 1575.42&1227.6	42
	2	81800U569	880 - 960 1710 - 2690 1575.42 1602.5625	42
	3	81800U738	LTE1: 617 - 960 WIFI1: 2400 - 2500 1710 - 2690 5150 - 5850 3300 - 3800 WIFI2: 2400 - 2500 LTE2: 617 - 960 5150 - 5850 1710 - 2690 GPS: 1562 - 1612 3300 - 3800 VHF-L: 380 - 446	43
	4	81800U726	LTE1: 698 - 960 1710 - 2690 LTE2: 698 - 960 1710 - 2690 WIFI : 2400 - 2500 5150 - 5850 GNSS:1556 - 1605	43

PCB Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	1000 - 1300 2700 - 6000	45
	2	N / A	1000 - 1300 2700 - 6000	45
	3	N / A	2500 - 2690	46
	4	N / A	1710 - 2300	46
	5	N / A	1710 - 2300	47
	6	N / A	2400 - 2500 5150 - 5850	47

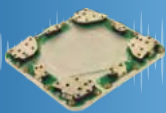
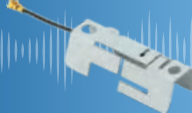
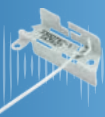
FPC Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	880 - 960 1710 - 1990	48
	2	N / A	5150 - 5850	48
	3	N / A	4G	49
	4	N / A	5150 - 5850	49

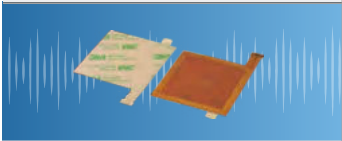
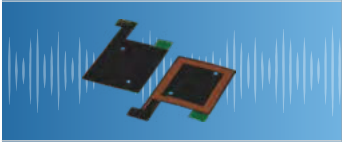
LDS Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	2400 - 2500	50
	2	N / A	3G	50
	3	N / A	3G	51
	4	N / A	2400 - 2500	51

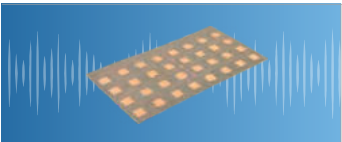
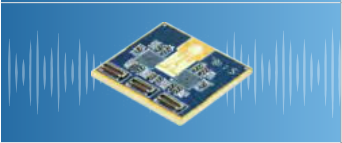
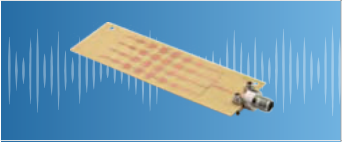
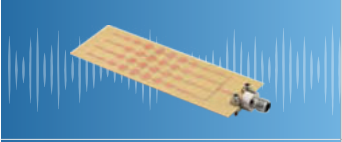
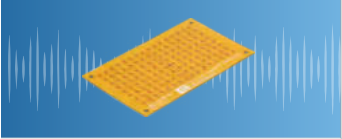
Wielding/Stamping Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	2400 - 2500 5150 - 5850	52
	2	N / A	960, 1850, 2000	52
	3	N / A	2400 - 2500 5150 - 5850	53
	4	N / A	824 - 960 1710 - 2690	53
	5	N / A	790 - 960 1710 - 2690	54
	6	N / A	2400 - 2500	54

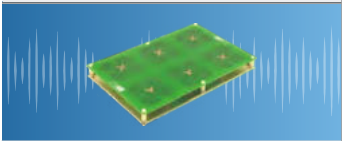
NFC Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	13.56	55
	2	N / A	13.56	55

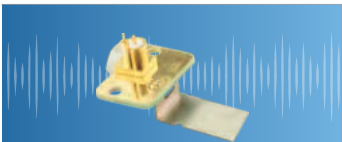
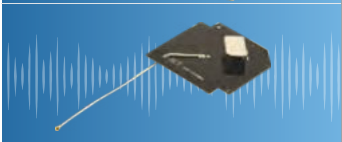
Panel Directional Antenna

	1	N / A	5770 - 5860	56
	2	N / A	24 GHz	56
	3	N / A	24 GHz	57
	4	N / A	76 - 80 GHz	57
	5	N / A	24.75 - 27.5 GHz	58

5G Beamforming Antenna

Image	Item No.	Model No.	Freq.(MHz)	Page
	1	N / A	3300 - 4200	59

Small Cell Antenna

	1	N / A	2515 - 2675	59
	2	N / A	5150 - 5850	60

Automotive Antenna

	1	N / A	GNSS	60
	2	N / A	LTE(Main+DIV)+GPS	61
	3	N / A	700 - 960 1300 - 5925	61
	4	N / A	2400 - 2500 5150 - 5850	62

2G Antenna

Model No. 81800U97 / 81800U458 / 81800U380



● EE Spec.

1.1 Freq.(MHz) :	880-960, 1710-1880
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

3G Antenna

Model No. 81800T882



● EE Spec.

1.1 Freq.(MHz) :	790~960, 1710~2170
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø10*115 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

2G Antenna

Model No. 81800U381

● EE Spec.

1.1 Freq.(MHz) :	880-960, 1710-1880
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J



4G/5G Antenna

Model No. 81800U117/81800U203

● EE Spec.

1.1 Freq.(MHz) :	790~960, 1710~2170
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø13*200 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J



4G/5G Antenna

Model No. 81800U734



EE Spec.

1.1 Freq.(MHz) :	617-960, 1427-1661 1710-2700, 3300-4200 4400-5000, 5150-5925
1.2 VSWR :	< 3.0 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

ME Spec.

2.1 Size :	136*20*10mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA

ISM/ZigBee Antenna

Model No. 81800U125 / 81800U199



EE Spec.

1.1 Freq.(MHz) :	915
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

ME Spec.

2.1 Size :	Ø10*115 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ISM/ZigBee Antenna

Model No. 81800U082 / 81800U150

EE Spec.

1.1 Freq.(MHz) :	915
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

ME Spec.

2.1 Size :	Ø12×108 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J
2.5 Waterproof Grade :	IP67



ISM/ZigBee Antenna

Model No. 81800U372

EE Spec.

1.1 Freq.(MHz) :	915
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

ME Spec.

2.1 Size :	Ø12×150 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	USS RF I



ZigBee/Lora Antenna

Model No. 81800U094



● EE Spec.	
1.1 Freq.(MHz) :	868
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×150 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	USS RF I

ZigBee/Lora Antenna

Model No. 81800U112



● EE Spec.	
1.1 Freq.(MHz) :	868
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×108 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ZigBee/Lora Antenna

Model No. 81800U149

● EE Spec.	
1.1 Freq.(MHz) :	868
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×108 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J



ZigBee/Lora Antenna

Model No. 81800U198

● EE Spec.	
1.1 Freq.(MHz) :	868
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	SMA-J



ZigBee/Lora Antenna

Model No. 81800U123



● EE Spec.	
1.1 Freq.(MHz) :	169
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	-1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø13×201 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ZigBee/Lora Antenna

Model No. 81800U142



● EE Spec.	
1.1 Freq.(MHz) :	433
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø11×88.3 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	M3

ZigBee/Lora Antenna

Model No. 81800U370

● EE Spec.	
1.1 Freq.(MHz) :	433
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×150 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	USS RF I



ZigBee/Lora Antenna

Model No. 81800U196

● EE Spec.	
1.1 Freq.(MHz) :	433
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J



ZigBee/Lora Antenna

Model No. 81800U202



● EE Spec.	
1.1 Freq.(MHz) :	433
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø15×200 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ZigBee/Lora Antenna

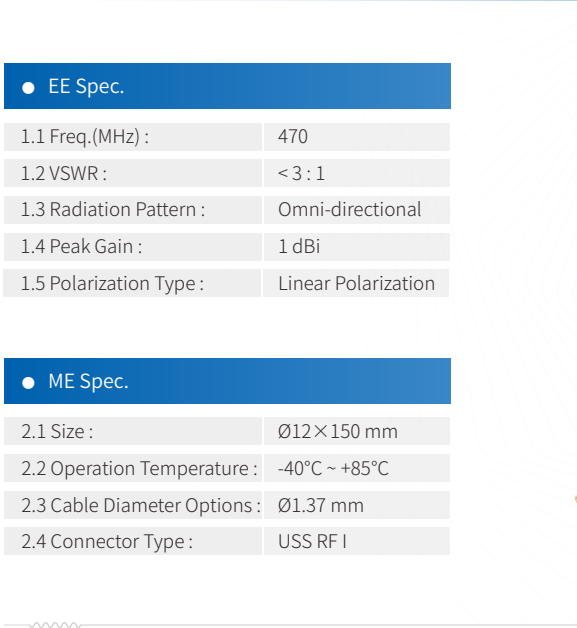
Model No. 81800U197



● EE Spec.	
1.1 Freq.(MHz) :	470
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ZigBee/Lora Antenna

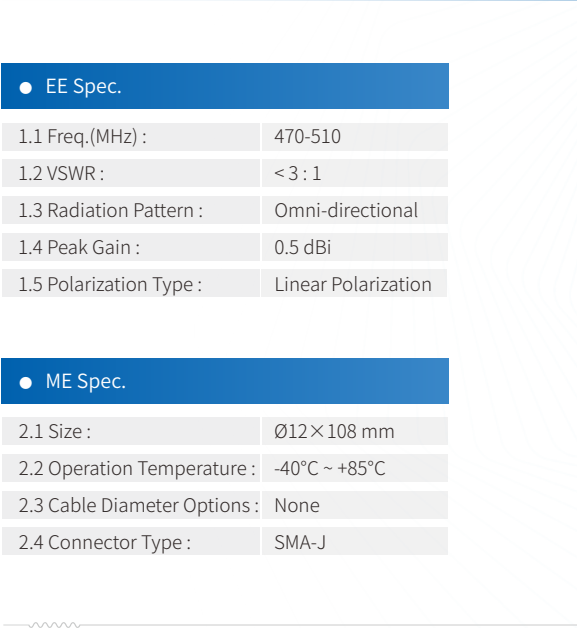
Model No. 81800U371



● EE Spec.	
1.1 Freq.(MHz) :	470
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×150 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	USS RF I

ZigBee/Lora Antenna

Model No. 81800U143



● EE Spec.	
1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø12×108 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

Stick Antenna

ZigBee/Lora Antenna

Model No. 81800U148



● EE Spec.

1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.5 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø12×108 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

WiFi Antenna

Model No. 81800U225 / 81800U340



● EE Spec.

1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	5 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø10×170 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

ZigBee/Lora Antenna

Model No. 81800U204

● EE Spec.

1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø15×200 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J



WiFi Antenna

Model No. 81800U098 / 81800U099

● EE Spec.

1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Size :	Ø10×50 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J/JW



WiFi Antenna

Model No. 81800U200



● EE Spec.	
1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	10*110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

WiFi Antenna

Model No. 81800U043

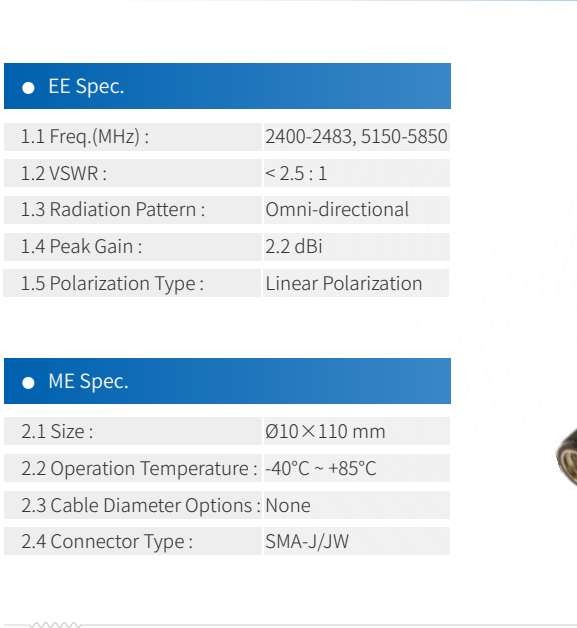


● EE Spec.	
1.1 Freq.(MHz) :	2400-2483, 5150-5850
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	RP-SMA-J

WiFi Antenna

Model No. 81800U252 / 81800U330

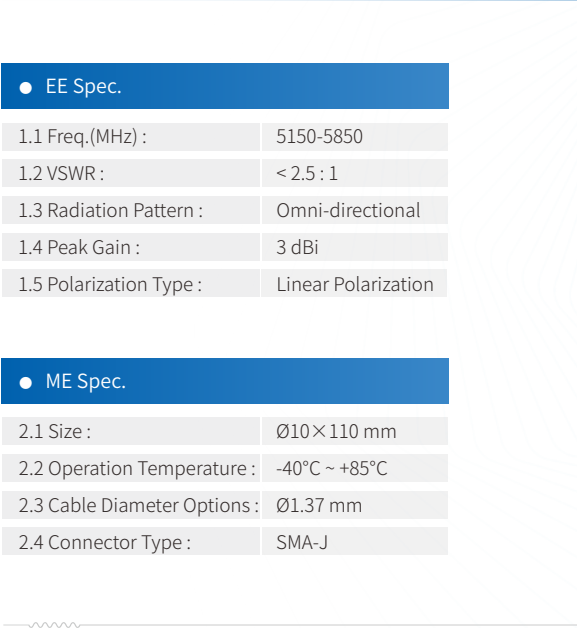


● EE Spec.	
1.1 Freq.(MHz) :	2400-2483, 5150-5850
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J/JW

WiFi Antenna

Model No. 81800U201



● EE Spec.	
1.1 Freq.(MHz) :	5150-5850
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	3 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø10×110 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Ø1.37 mm
2.4 Connector Type :	SMA-J

Stick Antenna

VHF/UHF Antenna

Model No. NA



● EE Spec.	
1.1 Freq.(MHz) :	350-400/1575±5
1.2 VSWR :	<2.5/<2.5
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	-1dBi/1.5dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø14×95 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-K

Magnetic Mounts Antenna

4G Antenna

Model No. 81800U096



● EE Spec.	
1.1 Freq.(MHz) :	824-960, 1710-2690
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø45×317 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG174/178
2.4 Connector Type :	SMA-J

VHF/UHF Antenna

Model No. 81800U858



● EE Spec.	
1.1 Freq.(MHz) :	400-470
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.92 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø14×152.73 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	SMA-J

4G Antenna

Model No. 81800U133/ 81800U331



● EE Spec.	
1.1 Freq.(MHz) :	824-960, 1710-2690
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø56×174 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG178/LMR400
2.4 Connector Type :	SMA-JW/J-K

2G/ZigBee/Lora/Wi-Fi Antenna

Model No. 81800U351



● EE Spec.	
1.1 Freq.(MHz) :	824-960, 1710-1880
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø30×88 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG174/178
2.4 Connector Type :	SMA-J

2G/ZigBee/Lora/Wi-Fi Antenna

Model No. 81800U290



● EE Spec.	
1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø56×174 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	SMA-JW

2G/ZigBee/Lora/Wi-Fi Antenna

Model No. 81800U075



● EE Spec.	
1.1 Freq.(MHz) :	915
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø56×174 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG58U
2.4 Connector Type :	SMA-J

2G/ZigBee/Lora/Wi-Fi Antenna

Model No. 81800U304



● EE Spec.	
1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø56×174 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG316
2.4 Connector Type :	SMA-J

5G Antenna

Model No. 81800U424



• EE Spec.

1.1 Freq.(MHz) :	704-960, 1710-2690
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	Linear Polarization

• ME Spec.

2.1 Size :	Ø20×250 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	SMA/TNC/MCX

5G Antenna

Model No. 81800U040



• EE Spec.

1.1 Freq.(MHz) :	1710-1880
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization

• ME Spec.

2.1 Size :	Ø20×230 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-J

5G Antenna

Model No. 81800T596

• EE Spec.

1.1 Freq.(MHz) :	824-960
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	Linear Polarization

• ME Spec.

2.1 Size :	Ø20×380 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-J



5G Antenna

Model No. 81800U700

• EE Spec.

1.1 Freq.(MHz) :	600-960, 1710-2690, 3300-5000
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	0.9dBi/2.8dBi/4.9dBi
1.5 Polarization Type :	Linear Polarization

• ME Spec.

2.1 Size :	Ø26×190 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-J



RFID Antenna

Model No. 81800U183



● EE Spec.	
1.1 Freq.(MHz) :	915
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø20×250 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-K

Wi-Fi Antenna

Model No. 81800U041



● EE Spec.	
1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø20×190 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG316
2.4 Connector Type :	SMA-J

Lora Antenna

Model No. 81800T585

● EE Spec.	
1.1 Freq.(MHz) :	470-510
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	1 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø20×230 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-J



Wi-Fi Antenna

Model No. 81800U042

● EE Spec.	
1.1 Freq.(MHz) :	2400-2483, 5150-5925
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	Ø20×190 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-J



Wi-Fi Antenna

Automotive Antenna

Model No. 81800T597

Model No. 81800U844



● EE Spec.	
1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø20×200 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	RG316
2.4 Connector Type :	SMA-J



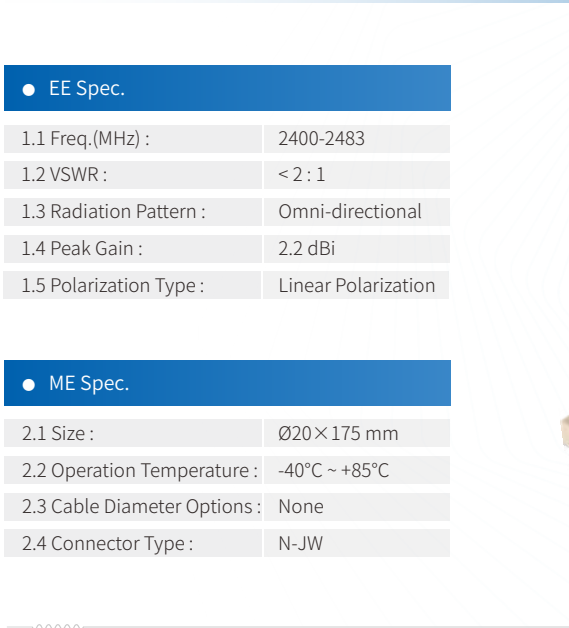
● EE Spec.	
1.1 Freq.(MHz) :	LTE (Main+V2X1+V2X2)+GPS
1.2 VSWR :	< 3.5:1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	168*81*79mm
2.2 Operation Temperature :	-40°C~+75°C
2.3 Cable Diameter Options :	RG58
2.4 Connector Type :	Fakra

Wi-Fi Antenna

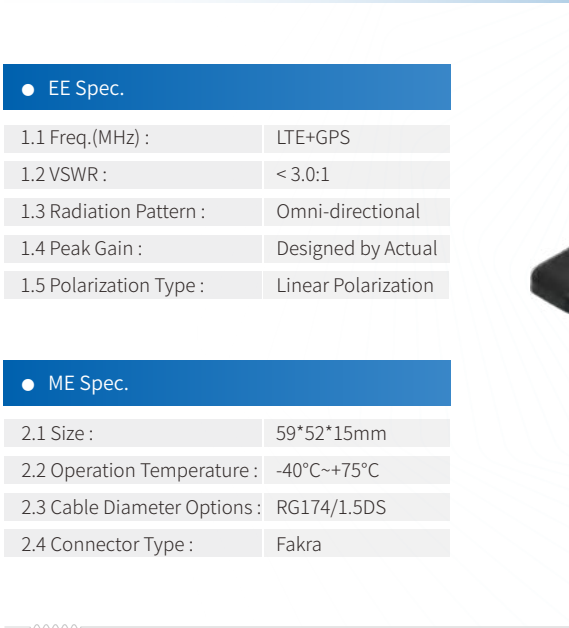
Automotive Antenna

Model No. 81800U076

Model No. 81800U569



● EE Spec.	
1.1 Freq.(MHz) :	2400-2483
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2.2 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	Ø20×175 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	N-JW



● EE Spec.	
1.1 Freq.(MHz) :	LTE+GPS
1.2 VSWR :	< 3.0:1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	59*52*15mm
2.2 Operation Temperature :	-40°C~+75°C
2.3 Cable Diameter Options :	RG174/1.5DS
2.4 Connector Type :	Fakra

Automotive Antenna

Model No. 81800U738



EE Spec.

1.1 Freq.(MHz) :	LTE (Main+V2X1+V2X2)+GPS
1.2 VSWR :	< 3.5:1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

ME Spec.

2.1 Size :	177*61*81mm
2.2 Operation Temperature :	-40°C~+75°C
2.3 Cable Diameter Options :	RG316/1.5DS
2.4 Connector Type :	SMA/Fakra

Automotive Antenna

Model No. 81800U726

EE Spec.

1.1 Freq.(MHz) :	LTE1+ LTE2+ WIFI+ GNSS
1.2 VSWR :	< 2.5:1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

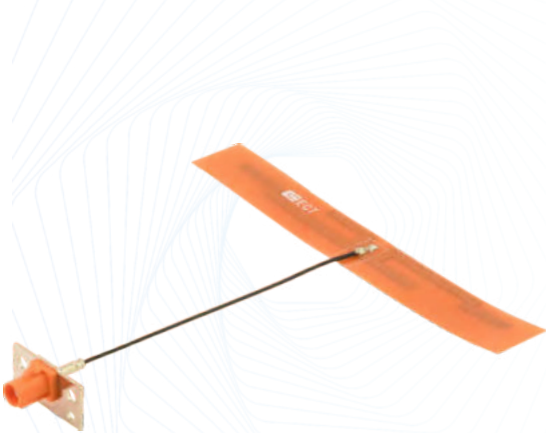
ME Spec.

2.1 Size :	132*102*32mm
2.2 Operation Temperature :	-40°C~+75°C
2.3 Cable Diameter Options :	RG316/1.5DS
2.4 Connector Type :	SMA/Fakra



PCB Antenna

Model No. N/A

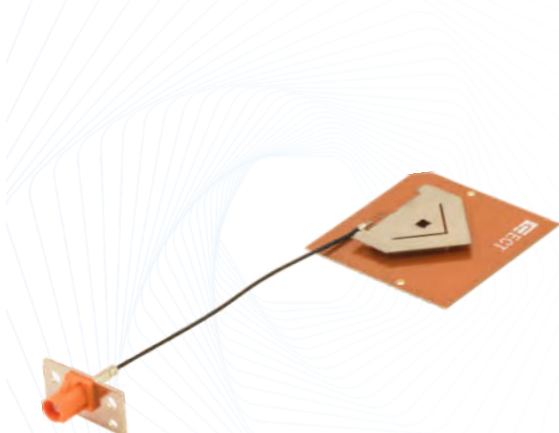


● EE Spec.	
1.1 Freq.(MHz) :	1000-1300, 2700-6000
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	20×140 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	Fakra

PCB Antenna

Model No. N/A

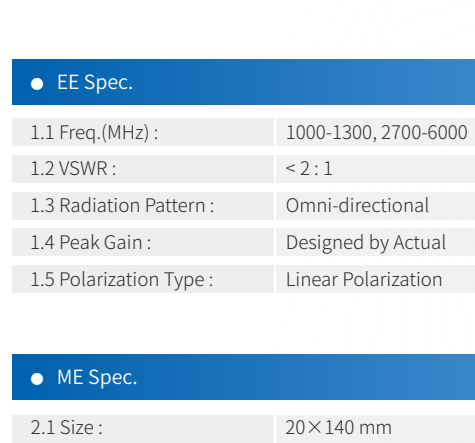


● EE Spec.	
1.1 Freq.(MHz) :	2500-2690
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	54.5×54.5 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	Fakra

PCB Antenna

Model No. N/A

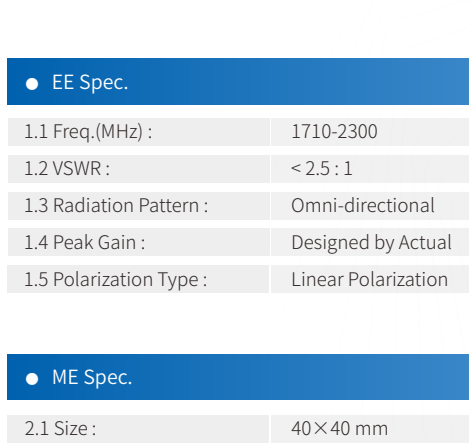


● EE Spec.	
1.1 Freq.(MHz) :	1000-1300, 2700-6000
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	20×140 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	MMCX

PCB Antenna

Model No. N/A

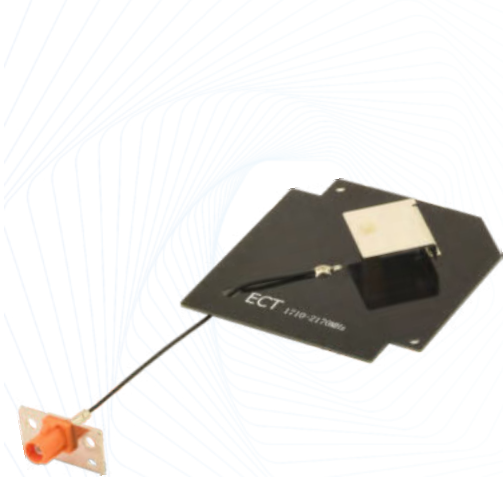


● EE Spec.	
1.1 Freq.(MHz) :	1710-2300
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Size :	40×40 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	1.37 mm
2.4 Connector Type :	MCX

PCB Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	1710-2300
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	40×40 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	Fakra

FPC Antenna

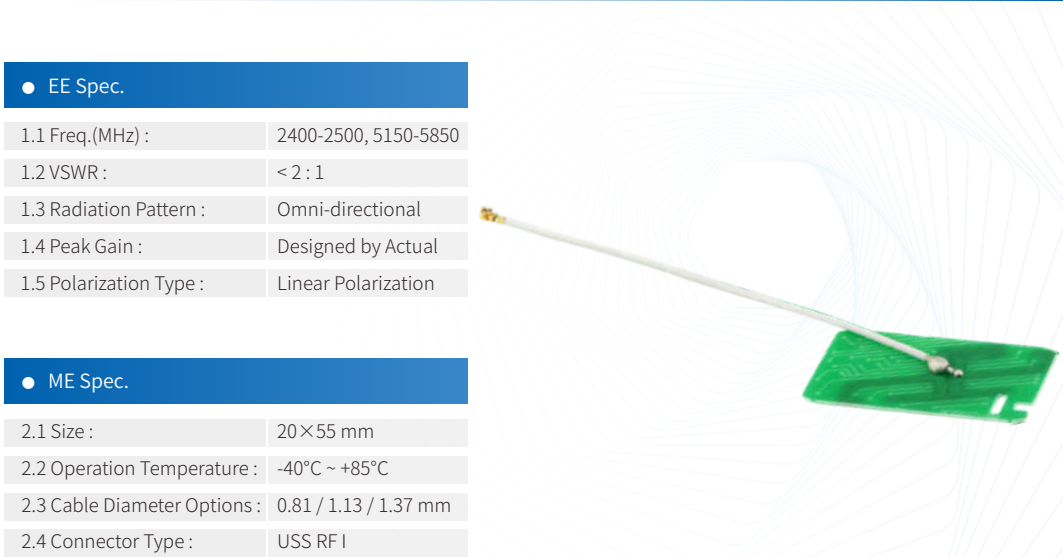
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	880-960, 1710-1990
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	80.5×16 mm
2.2 Operation Temperature :	-40°C ~ +70°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	USS RF I

PCB Antenna

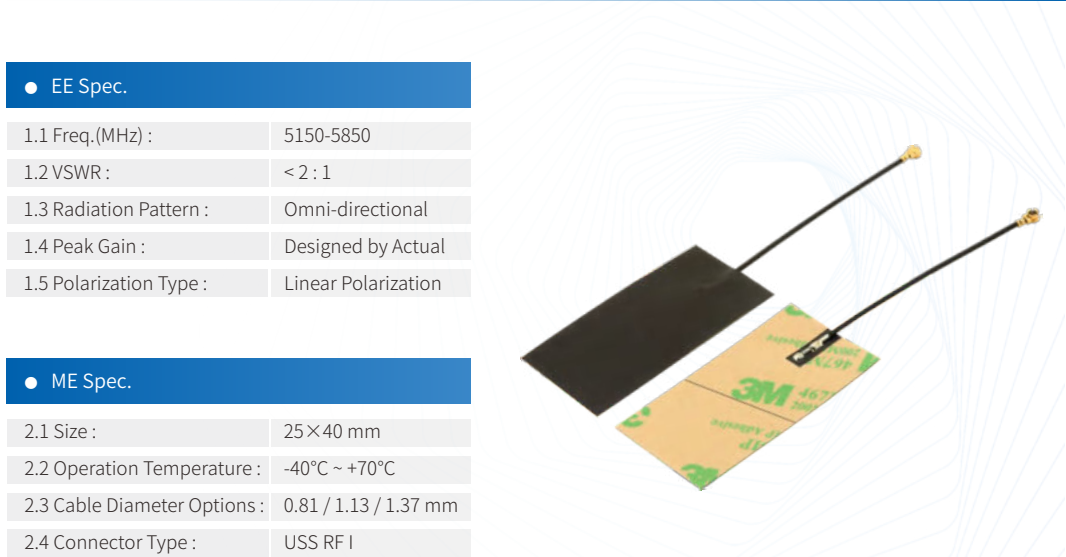
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	2400-2500, 5150-5850
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	20×55 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	USS RF I

FPC Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	5150-5850
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	25×40 mm
2.2 Operation Temperature :	-40°C ~ +70°C
2.3 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.4 Connector Type :	USS RF I

FPC Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	4G
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.3 Connector Type :	USS RF I

LDS Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	2400-2500
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

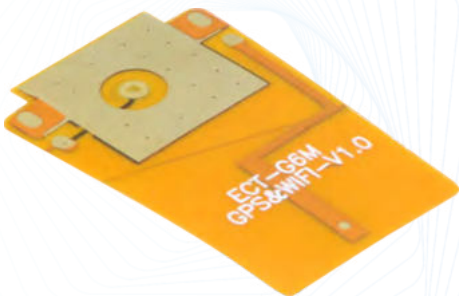
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +75°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None

FPC Antenna

Model No. N/A

● EE Spec.	
1.1 Freq.(MHz) :	5150-5850
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None



LDS Antenna

Model No. N/A

● EE Spec.	
1.1 Freq.(MHz) :	3G
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +75°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None



LDS Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	3G
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +75°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None

Welding/Stamping Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	2400-2500, 5150-5850
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.3 Connector Type :	USS RF I

LDS Antenna

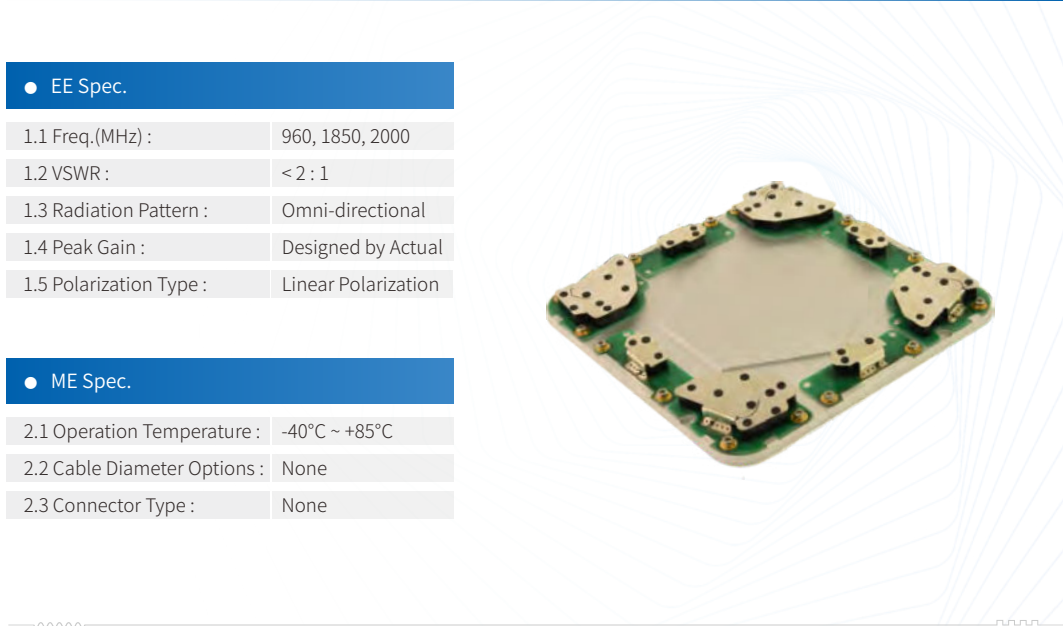
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	2400-2500
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +75°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None

Welding/Stamping Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	960, 1850, 2000
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None

Welding/Stamping Antenna

Model No. N/A



● EE Spec.

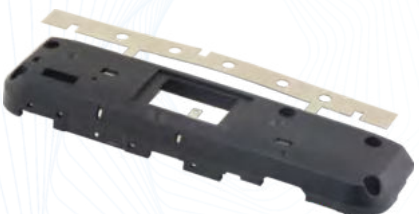
1.1 Freq.(MHz) :	2400-2500, 5150-5850
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.3 Connector Type :	USS RF I

Welding/Stamping Antenna

Model No. N/A



● EE Spec.

1.1 Freq.(MHz) :	790-960, 1710-2690
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None

Welding/Stamping Antenna

Model No. N/A

● EE Spec.

1.1 Freq.(MHz) :	824-960, 1710-2690
1.2 VSWR :	< 3 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

● ME Spec.

2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	None



Welding/Stamping Antenna

Model No. N/A

● EE Spec.

1.1 Freq.(MHz) :	2400-2500
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization

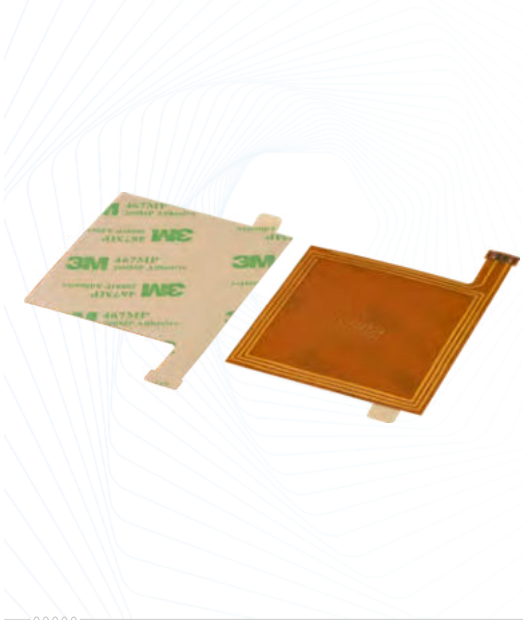
● ME Spec.

2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	0.81 / 1.13 / 1.37 mm
2.3 Connector Type :	USS RF I



NFC Antenna

Model No. N/A

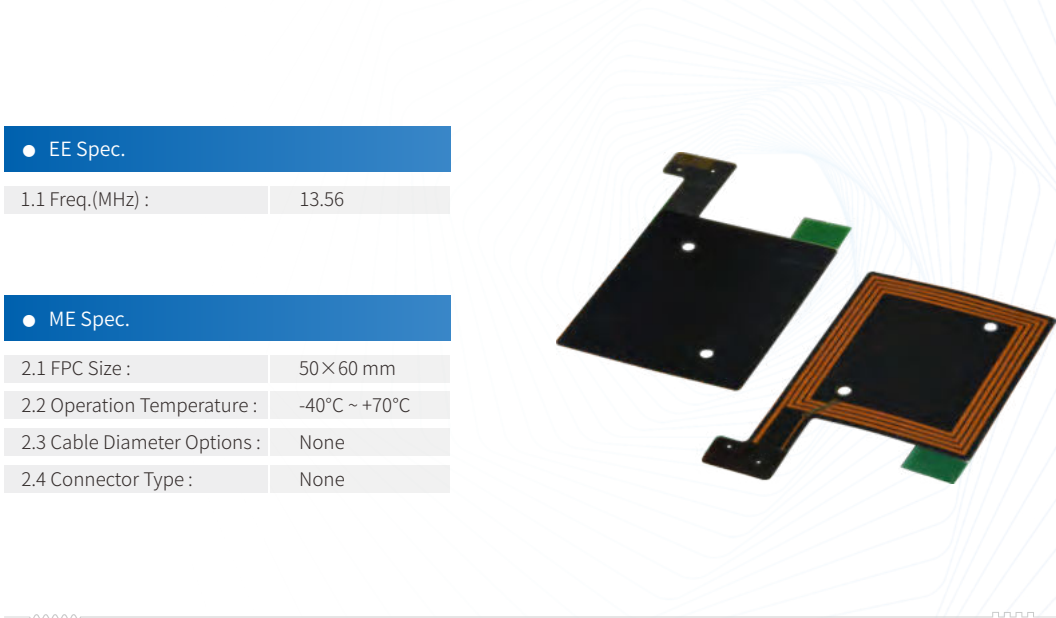


● EE Spec.	
1.1 Freq.(MHz) :	13.56

● ME Spec.	
2.1 FPC Size :	50×55 mm
2.2 Operation Temperature :	-40°C ~ +70°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	None

NFC Antenna

Model No. N/A

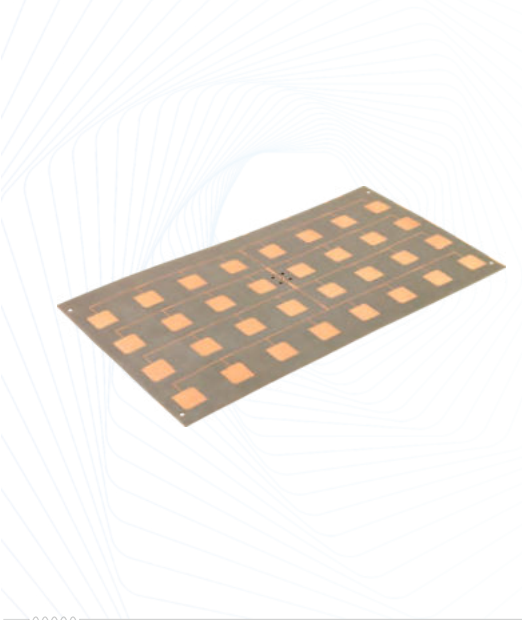


● EE Spec.	
1.1 Freq.(MHz) :	13.56

● ME Spec.	
2.1 FPC Size :	50×60 mm
2.2 Operation Temperature :	-40°C ~ +70°C
2.3 Cable Diameter Options :	None
2.4 Connector Type :	None

Panel Directional Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	5770-5860
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Directional
1.4 Peak Gain :	13 dBi
1.5 Polarization Type :	RHCP
1.6 Front to Back Ratio :	≥ 35 dB
1.7 3dB BW :	Horizontal ≤ 22°
1.8 3dB BW :	Vertical ≤ 32°

● ME Spec.	
2.1 Size :	16×113×0.8 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Customized
2.4 Connector Type :	Customized

Panel Directional Antenna

Model No. N/A

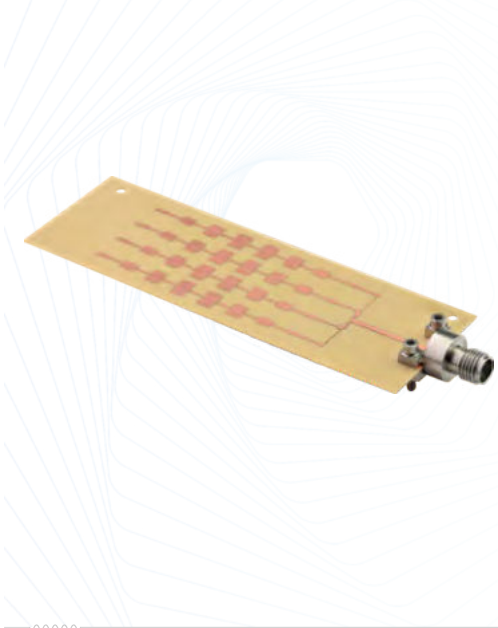
● EE Spec.	
1.1 Operation Freq. :	24.75-27.5 GHz
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Broadside
1.4 Peak Gain :	12 dBi
1.5 Max. EIRP :	26 dBm
1.6 Isolation :	> 25 dB
1.7 Cross Polarization Ratio :	> 20 dB
1.8 Electrical Beam-scanning Angle :	- 60° to +60° , 1D Scan
1.9 Operation Voltage :	2.5 V
1.10 Mag/Phase LSB :	5/6 Bit (1 dB/11.25 deg.)
1.11 Data Collection Type :	SPI

● ME Spec.	
2.1 Antenna Size :	20×14 mm
2.2 Antenna Thickness :	1.5 mm
2.3 Antenna Type :	Patch
2.4 Board Material :	Rogers or LCP
2.5 Antenna Config :	4×2
2.6 Antenna Packing Method :	AiP (Antenna in Package)



Panel Directional Antenna

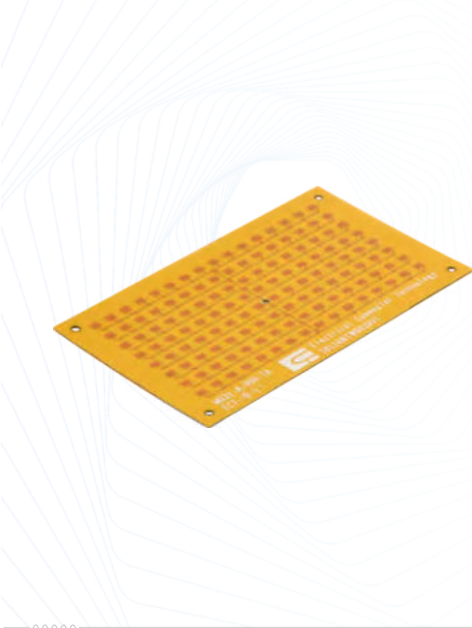
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	24 GHz
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Directional
1.4 Peak Gain :	15.5 dBi
1.5 Side Lobe Level :	< 20 dB
1.6 HPBW :	16/38 deg. (E/H)
● ME Spec.	
2.1 PCB Size :	75×27 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Antenna Config :	4×8

Panel Directional Antenna

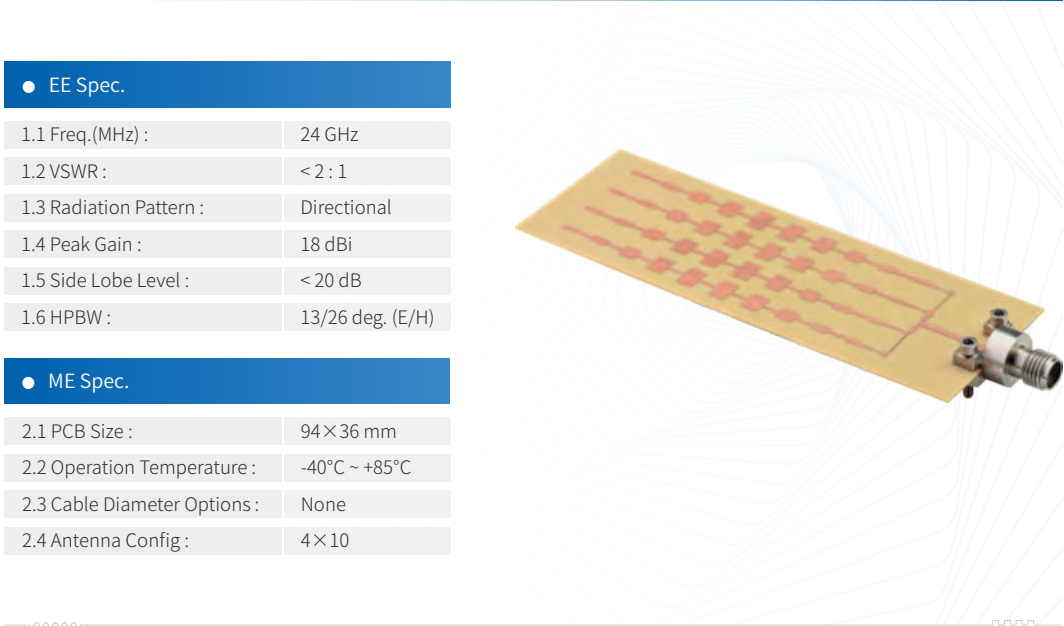
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	76-80 GHz
1.2 VSWR :	< 2 : 1
1.3 Feeding Method :	Central feed
1.4 Radiation Pattern :	Directional
1.5 Peak Gain :	22.5-24 dBi
1.6 Side Lobe Level :	< 15-18 dB
1.7 HPBW :	14/9 deg. (E/H)
● ME Spec.	
2.1 AntennaSize :	40×25 mm
2.2 PCB Board Type :	LCP (εr = 3, δ = 0.0016)
2.3 Board Thickness :	10 mil
2.4 Antenna Config :	8×16

Panel Directional Antenna

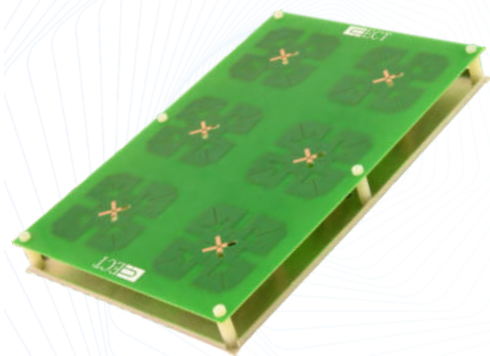
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	24 GHz
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Directional
1.4 Peak Gain :	18 dBi
1.5 Side Lobe Level :	< 20 dB
1.6 HPBW :	13/26 deg. (E/H)
● ME Spec.	
2.1 PCB Size :	94×36 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	None
2.4 Antenna Config :	4×10

5G Beamforming Antenna

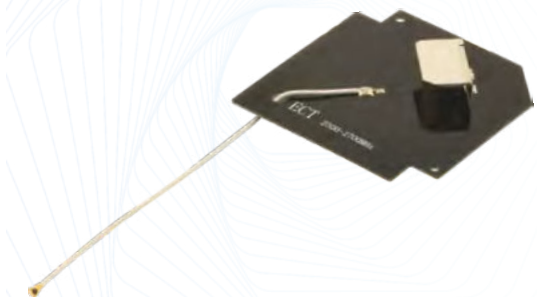
Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	3300-4200
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Directional
1.4 Peak Gain :	> 17 dBi
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 PCB Size :	260×190×30 mm
2.2 Operation Temperature :	-40°C ~ +85°C
2.3 Cable Diameter Options :	Customized
2.4 Connector Type :	SMA/N/TS9

Small Cell Antenna

Model No. N/A

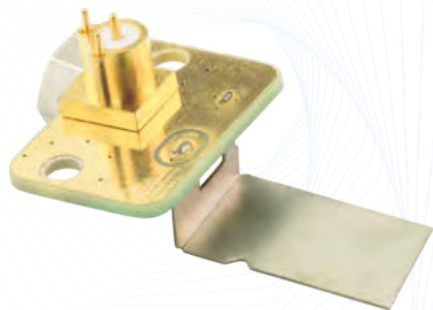


● EE Spec.	
1.1 Freq.(MHz) :	5150-5850
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +85°C
2.2 Cable Diameter Options :	Customized
2.3 Connector Type :	USS RF

Small Cell Antenna

Model No. N/A

● EE Spec.	
1.1 Freq.(MHz) :	2515-2675
1.2 VSWR :	< 1.8 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Operation Temperature :	-40°C ~ +70°C
2.2 Cable Diameter Options :	None
2.3 Connector Type :	Customized



Automotive Antenna

Model No. N/A

● EE Spec.	
1.1 Freq.(MHz) :	LTE (Main+DIV) +GPS
1.2 VSWR :	< 3.0 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	240×40×20 mm
2.2 Operation Temperature :	-40°C ~ +75°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	FaKra



Automotive Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	700-960, 1300-5925
1.2 VSWR :	< 2.5 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	27×115 mm
2.2 Operation Temperature :	-40°C ~ +75°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	SMA

Automotive Antenna

Model No. N/A



● EE Spec.	
1.1 Freq.(MHz) :	LTE (Main+DIV) + GPS
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	Designed by Actual
1.5 Polarization Type :	Linear Polarization
● ME Spec.	
2.1 Size :	158×75×74 mm
2.2 Operation Temperature :	-40°C ~ +75°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	Fakra

Automotive Antenna

Model No. N/A

● EE Spec.	
1.1 Freq.(MHz) :	GNSS
1.2 VSWR :	< 2 : 1
1.3 Radiation Pattern :	Omni-directional
1.4 Peak Gain :	2 dBi
1.5 Polarization Type :	RHCP
1.6 LNA Gain :	28 dB
1.7 Input Voltage :	2.5~6.5 V
● ME Spec.	
2.1 Size :	50×39×15 mm
2.2 Operation Temperature :	-40°C ~ +75°C
2.3 Cable Diameter Options :	RG174
2.4 Connector Type :	Fakra



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Corporate Values

People-oriented、Technology-driven、Customer-oriented、Integrity-based



Enterprise Talent

Provide more value space for capable employees.



Enterprise Mission

Provide fast and timely quality service to build famous product brands from the regional to the global.



Enterprise Version

To become an influential professional manufacturer in the global connector industry.
To be the benchmark of national enterprises and lead the others follow.



Core Value of Enterprise

Continue to cultivate and gather the best technology, design, manufacturing and service talents, and drive the capable personnel to create greater value.

COMPANY RESPONSIBILITY

Adhere to the scientific outlook on development road and establish a respected corporate image.



Employee Health Protection

Establish a comprehensive rights and interests protection system and growth support mechanism to protect the life and health of enterprise workers.



Cultural Construction

Establish a corporate culture system to provide a good employment environment for employees.



Public Liability

Established public accountability system, advocated safe production and environmental protection, promoted energy conservation and pollution reduction and used clean energy to committe to human ecological harmony and social harmony.



Development Science and Technology

Attach great importance to the development of technology and become a technology-oriented enterprise.



Sustainable Development

Sustainable environment, sustainable operation.
Adhere to the scientific outlook on development, pay attention to environmental protection, and take the road of sustainable development.



Develop Enterprise Public Welfare and Strive for A Harmonious Society

Pursue the unity of social effect and economic benefit. To undertake the due responsibility for the healthy development of society and enterprises.

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