

Quectel Antenna Portfolio

Overview

Aug, 2020

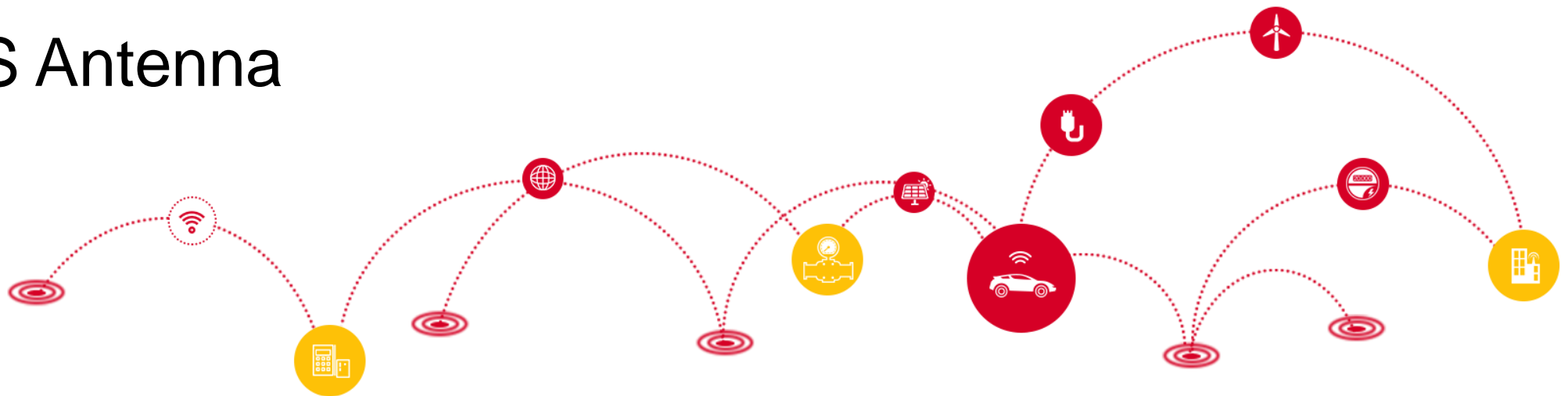
Rubber External Antenna

RF cable

Waterproof External Antenna

Embedded antenna

GNSS Antenna



5G/4G/3G/2G Antenna



Ordering Number: YE0001BA

Frequency (MHz)	600–6000
Peak Gain (dBi)	5.6
VSWR	≤ 3.0
Average Efficiency	600–960 MHz: 40%; 1710–2690 MHz: 50%; 3000–5900 MHz: 50%
Antenna Shape	Straight or bent
Application	5G/4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	222 × 27
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/EM06/ EM12



Ordering Number: YE0007AA

Frequency (MHz)	600–5000
Peak Gain (dBi)	4.0
VSWR	≤ 3.0
Average Efficiency	600–960 MHz: 40%; 1710–2690 MHz: 50%; 3000–5000 MHz: 45%
Antenna Shape	Straight or bent
Application	5G/4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	152.4 × 21.79
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/ EM06/EM12

5G/4G/3G/2G Antenna



Ordering Number: YE0003AA	
Frequency (MHz)	699–6000
Peak Gain (dBi)	3.2
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 40%; 1710–2690 MHz: 50%; 3000–6000 MHz: 45%
Antenna Shape	Straight or bent
Application	5G/4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	190 × 16
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/EM06/EM12

4G/3G/2G Antenna



Ordering Number: YE0005AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	4.0
VSWR	≤ 3.5
Average Efficiency	699–960 MHz: 35%; 1710–2690 MHz: 70%
Antenna Shape	Bent in fixed right-angle
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	115 × 17.8
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/ Wi-Fi/Smart Module



Ordering Number: YE0002AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	3.7
VSWR	≤ 2.9
Average Efficiency	699–960 MHz: 50%; 1710–2690MHz: 60%
Antenna Shape	No bending
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	177 × 19
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

4G/3G/2G Antenna



Ordering Number:YDX001AA	
Frequency (MHz)	824–2690
Peak Gain (dBi)	2.0
VSWR	≤ 3
Average Efficiency	824–960 MHz: 35%; 1710–2690 MHz: 50%
Antenna Shape	Straight or bent
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	208 x Ø 12
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module



Ordering Number: YE0006AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	3.2
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 25%; 1710–2690MHz: 50%
Antenna Shape	Magnetic
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	310*Ø 30 with cable length 1500mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

4G/3G/2G Antenna



Ordering Number: YE0009AA	
Frequency (MHz)	824–2690
Peak Gain (dBi)	2.0
VSWR	≤ 3
Average Efficiency	824–960 MHz: 30%; 1710–2690 MHz: 50%
Antenna Shape	Straight or bent
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	190*15
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

Ordering Number: YGL001AA	
Frequency (MHz)	700–2690
Peak Gain (dBi)	3
VSWR	≤ 5
Average Efficiency	700–960 MHz: 30%; 1710–2690 MHz: 60%
Antenna Shape	Straight or bent
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	196.2*16*13
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

4G/3G/2G Antenna



Ordering Number: YE0012AA	
Frequency (MHz)	824-960,; 1710-2690
Peak Gain (dBi)	3.5
VSWR	≤ 4.0
Average Efficiency	824–960 MHz: 25%; 1710–2690MHz: 50%
Antenna Shape	Straight
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	116.5*21.7*5.6 with default cable length 250mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module



Ordering Number: YE0010AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	3.5
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 25%; 1710–2690MHz: 50%
Antenna Shape	Straight
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	152*17 with default cable length 1000mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

NB/3G/2G Antenna



Ordering Number: YE0011AA	
Frequency (MHz)	824-960;1710-2170
Peak Gain (dBi)	3
VSWR	≤ 3.5
Average Efficiency	824–960 MHz: 20%; 1710–2690 MHz: 40%
Antenna Shape	bent
Application	NB/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	50x Ø 10
Quectel Module	Module Series: LPWA/UMTS/GSM/GPRS



Ordering Number: YE0008AA	
Frequency (MHz)	824-960;1710-2170
Peak Gain (dBi)	3
VSWR	≤ 3.5
Average Efficiency	824–960 MHz: 20%; 1710–2690 MHz: 40%
Antenna Shape	bent
Application	NB/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	52x Ø 10
Quectel Module	Module Series: LPWA/UMTS/GSM/GPRS

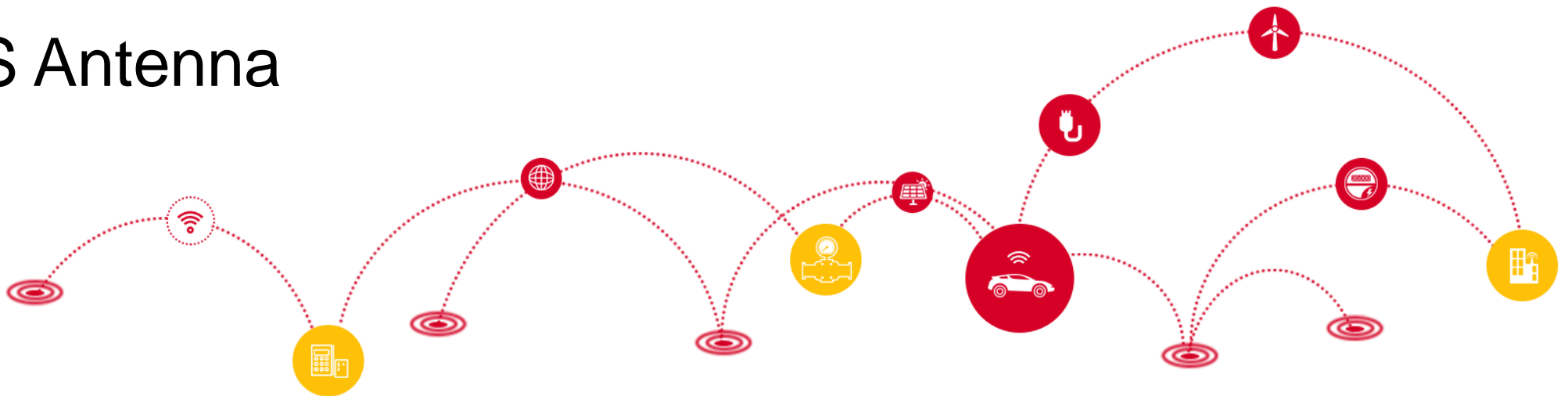
Rubber External Antenna

RF cable

Waterproof External Antenna

Embedded antenna

GNSS Antenna



SMA to IPEX I



Ordering Number: YM0002AA

Frequency (MHz)	0-6000
Insertion loss	≤ 2
VSWR	≤ 1.5
connector	SMA(Female pin with external thread) to IPEX I
Cable Diameter(mm)	1.13
Application	5G/4G/3G/2G/Wi-Fi/GPS
Impedance (Ω)	50
Length (mm)	93±2
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

Ordering Number: YM0003AA

Frequency (MHz)	0-6000
Insertion loss	≤ 2
VSWR	≤ 1.5
connector	SMA(Female pin with external thread) to IPEX I
Cable Diameter(mm)	1.13
Application	5G/4G/3G/2G/Wi-Fi/GPS
Impedance (Ω)	50
Length (mm)	100±2
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

SMA to IPEX IV



Ordering Number: YM0004AA

Frequency (MHz)	0-6000
Insertion loss	≤ 2
VSWR	≤ 1.5
connector	SMA(Female pin with external thread) to IPEX IV
Cable Diameter(mm)	1.13
Application	5G/4G/3G/2G/Wi-Fi/GPS
Impedance (Ω)	50
Length (mm)	100±2
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module



Ordering Number: YM0005AA

Frequency (MHz)	0-6000
Insertion loss	≤ 2
VSWR	≤ 1.5
connector	SMA(Female pin with external thread) to IPEX IV
Cable Diameter(mm)	1.13
Application	5G/4G/3G/2G/Wi-Fi/GPS
Impedance (Ω)	50
Length (mm)	150±2
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/ Smart Module

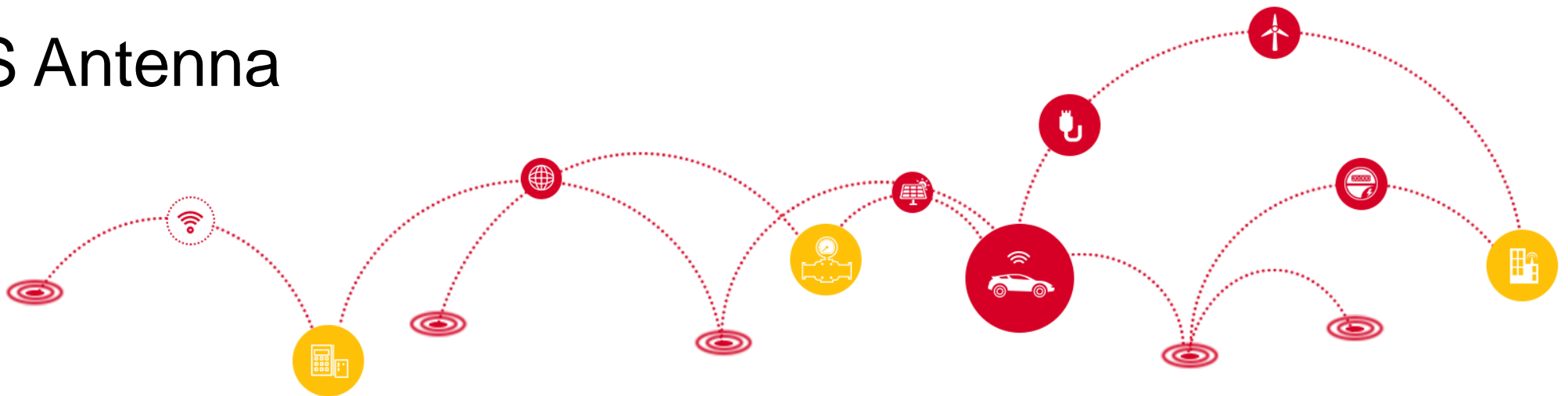
Rubber External Antenna

RF cable

Waterproof External Antenna

Embedded antenna

GNSS Antenna



4G/3G/2G Antenna



Ordering Number: YCN001AA	
Frequency (MHz)	700-2700
Peak Gain (dBi)	2.5
VSWR	≤ 3.5
Average Efficiency	600–960 MHz: 30%; 1710–2690 MHz: 50%;
Antenna Shape	Straight
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	144x Ø 13
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

5G/4G/3G/2G Antenna



Ordering Number: YFS001

Frequency (MHz)	700–6000
Peak Gain (dBi)	3
VSWR	≤ 4.5
Average Efficiency	600–960 MHz: 40%; 1710–2690 MHz: 50%; 3000–5900 MHz: 50%
Antenna Shape	Straight
Application	5G/4G/3G/2G
Connector	N type
Impedance (Ω)	50
Size (mm)	300 × Ø 20
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/EM06/EM12

5G/4G Antenna



Ordering Number: YB0007AA

Frequency (MHz)	700-960/1710-2690/3300-5000
Peak Gain (dBi)	2.5
VSWR	≤ 4
Average Efficiency	600–960 MHz: 30%; 1710–2690 MHz: 50%; 3000–5000 MHz: 50%
Antenna Shape	4in1 box
Application	5G/4G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	Φ120*43 with default cable length 500mm
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

4G/3G/2G Antenna



Ordering Number: YKL001AA	
Frequency (MHz)	Wi-Fi/BT:2400-2500 MHz 4G:824-960 MHz; 1710-2690 MHz GPS&BD: 1575.42±10 MHz; 1561±10 MHz
Peak Gain (dBi)	LNA(28±2);2/3/4G(2.5);BT(3)
VSWR	≤ 3
Average Efficiency	824–960 MHz: 40%; 1710–2690 MHz: 50%;
Antenna Shape	box
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	33*48 with default cable length 310mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module



Ordering Number: YB0009AA	
Frequency (MHz)	4G:824-960 MHz; 1710-2690 MHz GPS&BD: 1575.42±10 MHz; 1561±10 MHz
Peak Gain (dBi)	LNA(28±2);2/3/4G(2.5);BT(3)
VSWR	≤ 3
Average Efficiency	824–960 MHz: 40%; 1710–2690 MHz: 50%;
Antenna Shape	Straight
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	33*48 with default cable length 310mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

4G/3G/2G Antenna



Ordering Number: YB0010AA	
Frequency (MHz)	698-960 MHz; 1710-2690
Peak Gain (dBi)	3
VSWR	≤ 3
Average Efficiency	698-960 MHz: 40%; 1710–2690 MHz: 50%;
Antenna Shape	box
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	Φ84*17.5 with default cable length 2000mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module



Ordering Number: YB0008AA	
Frequency (MHz)	4GMAIN:698-960MHz;1710-2690MHz GNSS:1575.42±5MHz; 1561.098±5MHz 4GDIV:1710-2690MHz
Peak Gain (dBi)	LNA(28±2);2/3/4G(2.94);4GDIV(3.96)
VSWR	≤ 4
Average Efficiency	700–960 MHz: 30%; 1710–2690 MHz: 50%;
Antenna Shape	box
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	Φ84*17.5 with default cable length 300mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

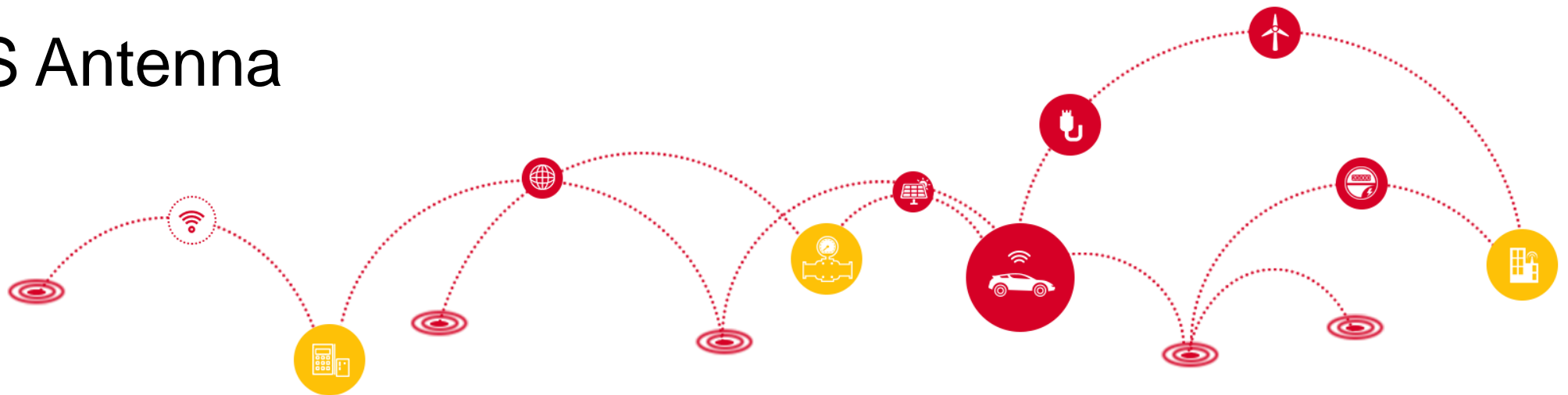
Rubber External Antenna

RF cable

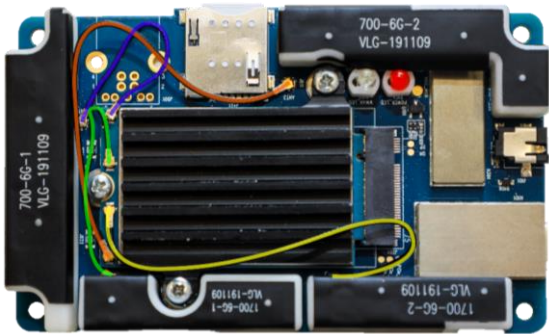
Waterproof External Antenna

Embedded antenna

GNSS Antenna



5G/4G/3G/2G Antenna



Ordering Number: YF0002AA, YF0002BA, YF0002CA, YF0002DA

Frequency (GHz)	700-6G-1/700-6G-2	0.7–6
	1700-6G-1/1700-6G-2	1.7–6
Peak Gain (dBi)	700-6G-1	2.7
	700-6G-2	4.2
	1700-6G-1	2.0
	1700-6G-2	3.7
VSWR	700-6G-1	≥ 1.4
	700-6G-2	≥ 1.0
	1700-6G-1	≥ 1.0
	1700-6G-2	≥ 1.2
Average Efficiency	700-6G-1	0.7–6 GHz: 35%
	700-6G-2	0.7–6 GHz: 30%
	1700-6G-1	1700–6 GHz: 30%
	1700-6G-2	1700–6 GHz: 35%
Application	4G/3G/2G; 2.4G/5.8G Wi-Fi	
Impedance (Ω)	50	
Size (mm)	700-6G-1	60.10 × 12.25
	700-6G-2	50.25 × 20.10
	1700-6G-1	41.25 × 10.25
	1700-6G-2	37.35 × 9.75
Quectel Module	Typical Modules: RM500Q (Customized)	

4G/3G/2G Antenna



Ordering Number: YF0003AA

Frequency (MHz)	824–2690
Peak Gain (dBi)	4.0
VSWR	≤ 4.3
Average Efficiency	824–960 MHz: 25%; 1700–2700 MHz: 60%
Application	4G/3G/2G
Connector	IPEX I
Impedance (Ω)	50
Size (mm)	62.0 × 19.0 (customized cable length)
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/ Wi-Fi/Smart Module



Ordering Number: YF0004AA

Frequency (MHz)	824–2690
Peak Gain (dBi)	4.0
VSWR	≤ 4.7
Average Efficiency	824–960 MHz: 30%; 1700–2700 MHz: 60%
Application	4G/3G/2G
Connector	IPEX I
Impedance (Ω)	50
Size (mm)	87.17 × 20.0 (customized cable length)
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/ Wi-Fi/Smart Module

5G/4G/3G/2G Antenna



Ordering Number:YF0008AA

Frequency (MHz)	600–6000
Peak Gain (dBi)	4.0
VSWR	≤ 3.0
Average Efficiency	600–960 MHz: 30%; 1710–2690 MHz: 60%; 3000–5900 MHz: 50%
Application	5G/4G/3G/2G
Impedance (Ω)	50
Connector	IPEX IV
Size (mm)	112.5 × 16.2(customized cable length)
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/EM06/EM12

5G/4G/3G/2G Antenna



Ordering Number: YF0005AA

Frequency (MHz)	600–6000
Peak Gain (dBi)	4.0
VSWR	≤ 3.0
Average Efficiency	600–960 MHz: 30%; 1710–2690 MHz: 60%; 3000–5900 MHz: 50%
Application	5G/4G/3G/2G
Connector	IPEX I
Impedance (Ω)	50
Size (mm)	112.5 × 16.2(customized cable length)
Quectel Module	Typical Modules: RG500Q/RM500Q/EM20/EP06/EG06/EG12/EG18/EM06/EM12

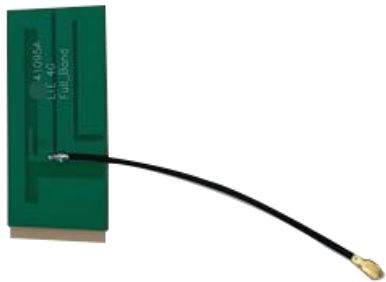
4G/3G/2G Antenna



Ordering Number: YF0006AA

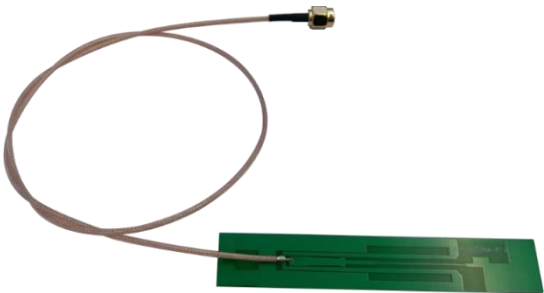
Frequency (MHz)	699–2690
Peak Gain (dBi)	4.0
VSWR	≤ 3.5
Average Efficiency	700–960 MHz: 25%; 1700–2700 MHz: 50%
Application	4G/3G/2G
Connector	IPEX I
Impedance (Ω)	50
Size (mm)	50*25(customized cable length)
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

4G/3G/2G Antenna



Ordering Number: YF0007AA

Frequency (MHz)	699–2690
Peak Gain (dBi)	4.0
VSWR	≤ 3.0
Average Efficiency	699–960 MHz: 25%; 1710–2690 MHz: 50%;
Application	4G/3G/2G
Connector	IPEX I
Impedance (Ω)	50
Size (mm)	50*25*1(customized cable length)
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module



Ordering Number: YCW001AA

Frequency (MHz)	699–2690
Peak Gain (dBi)	3.5
VSWR	≤ 3.8
Average Efficiency	699–960 MHz: 25%; 1700–2700 MHz: 50%
Application	4G/3G/2G
Connector	SMA(Male pin with internal thread)
Impedance (Ω)	50
Size (mm)	94*16*1 with default cable length 500mm
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

5G/4G/3G/2G PCB Antenna



Ordering Number: YP0001AA

Frequency (MHz)	600-6000
Peak Gain (dBi)	2
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 30%; 1710–2690MHz: 50%
Antenna Shape	PCB
Application	5G/4G/3G/2G
Connector	IPEX IV
Impedance (Ω)	50
Size (mm)	107.25*14.0*0.4(customized cable length)
Quectel Module	Module Series: 5G/LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

4G/3G/2G SMD Antenna



Ordering Number: YC0003AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	3.7
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 30%; 1710–2690MHz: 50%
Antenna Shape	SMD
Application	4G/3G/2G
Impedance (Ω)	50
Size (mm)	40*7*3
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module



Ordering Number: YC0001AA	
Frequency (MHz)	699–2690
Peak Gain (dBi)	3.7
VSWR	≤ 4.0
Average Efficiency	699–960 MHz: 30%; 1710–2690MHz: 50%
Antenna Shape	SMD
Application	4G/3G/2G
Impedance (Ω)	50
Size (mm)	35 × 8.5×3
Quectel Module	Module Series: LTE-A/LPWA/LTE-Standard/GSM/GPRS/Wi-Fi/Smart Module

Chip Antenna



Ordering Number: YC0006AA

Frequency (MHz)	1575.42
Peak Gain (dBi)	2-3
VSWR	≤ 2
Average Efficiency	1575 MHz: 50%;
Antenna Shape	SMD
Application	GPS
Impedance (Ω)	50
Size (mm)	3.2*1.6*0.5
Quectel Module	Module Series: GPS

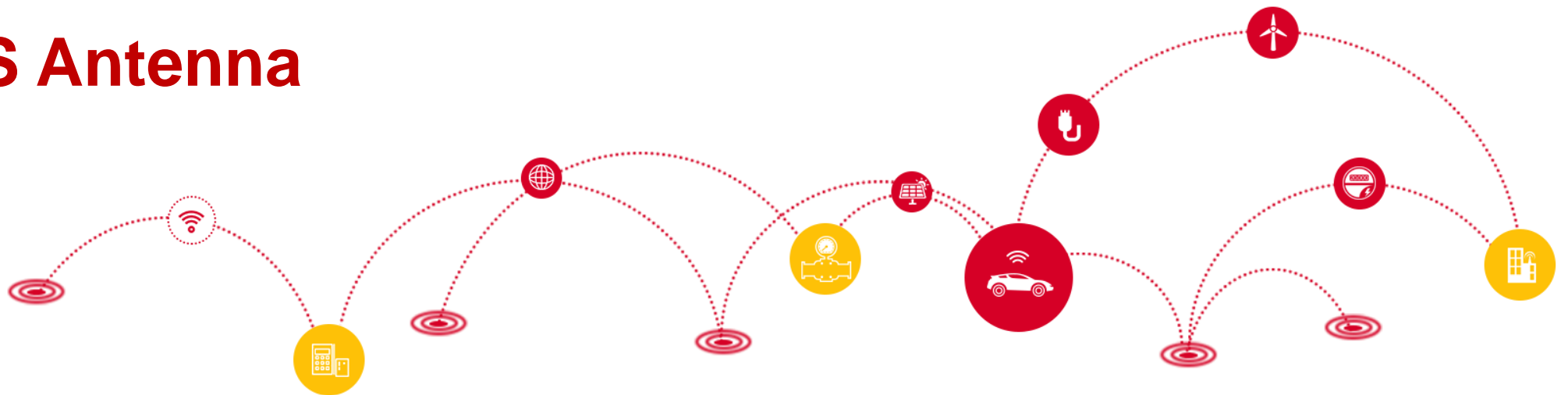
Rubber External Antenna

RF cable

Waterproof External Antenna

Embedded antenna

GNSS Antenna



GNSS Antenna – Passive Ceramic Antenna



Ordering Number: YG0018AA	
Center Frequency (MHz)	1575.42
Size (mm)	15 × 15 × 4
Peak Gain (dBic typ.)	2.5
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	< 18
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1



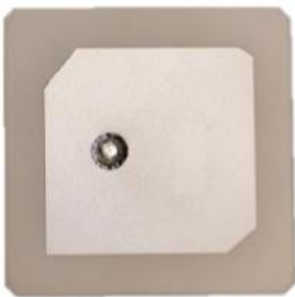
Ordering Number: YG0005AA	
Center Frequency (MHz)	1575.42
Size (mm)	18 × 18 × 4
Peak Gain (dBic typ.)	2.5
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	< 18
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1

GNSS Antenna – Passive Ceramic Antenna



Ordering Number: YG0010AA

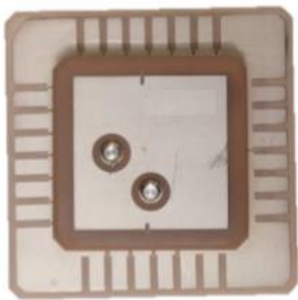
Center Frequency (MHz)	1575.42
Size (mm)	25 × 25 × 4
Peak Gain (dBic typ.)	5.0
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	3
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1



Ordering Number: YG0019AA

Center Frequency (MHz)	1575.42
Size (mm)	36 × 36 × 4
Peak Gain (dBic typ.)	2.5
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	< 18
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1

GNSS Antenna – Passive Ceramic Antenna



Ordering Number: YG0020AA

Center Frequency (MHz)	1575.42MHz, 1176.45MHz
Size (mm)	25X25X6 38X38X10
Peak Gain (dBic typ.)	5.0
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	3
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1/L5

GNSS Antenna – External Passive Antenna



Ordering Number: YYS001CA

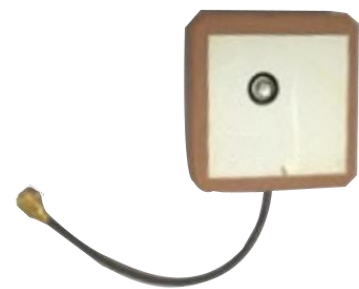
Center Frequency (MHz)	1559~1575~1602
Size (mm)	50.9x38.6x17
Peak Gain (dBic typ.)	2.0
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	3
LNA Gain (dBi)	N/A
Max Overall Gain (dBi)	N/A
Operation Voltage (V)	N/A
Application	L1/B1
Connector	SMA(Male pin with internal thread) cable length 1500mm

GNSS Antenna – Active Antenna



Model Number:YCN001BA	
Center Frequency (MHz)	1575.42, 1602
Size (mm)	15 × 15 × 6.9
Peak Gain (dBic typ.)	2.4
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	/
LNA Gain (dB)	28
Max Overall Gain (dB)	29.4
Operation Voltage (V)	3.0 ±0.6
Application	L1/G1
Connector	IPEX I

GNSS Antenna – Active Antenna



Model Number: YG0015	
Center Frequency (MHz)	1575.42, 1602
Size (mm)	25 × 25 × 4
Peak Gain (dBic typ.)	2.4
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	/
LNA Gain (dB)	27
Max Overall Gain (dB)	29.4
Operation Voltage (V)	3.0 ±0.6
Application	L1/G1
Connector	IPEX I



Model Number: YG0016	
Center Frequency (MHz)	1561.098, 1575.42, 1602,1606
Size (mm)	36 × 36 × 6
Peak Gain (dBic typ.)	4.8
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	/
LNA Gain (dB)	27
Max Overall Gain (dB)	31.8
Operation Voltage (V)	3.3 ±0.6
Application	B1/L1/G1
Connector	IPEX I

GNSS Antenna – Active Antenna



Ordering Number: YJW001AA	
Center Frequency (MHz)	1575, 1176
Size (mm)	50×50×21.62
Peak Gain (dBic typ.)	2.5
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	5
LNA Gain (dB)	28
Max Overall Gain (dB)	30
Operation Voltage (V)	2.7–5.5
Application	L1/L5
Connector	SMA(Male pin with internal thread) cable length 300mm



Ordering Number: YLY001CA	
Center Frequency (MHz)	1561,1575
Size (mm)	45.5×38×13.5
Peak Gain (dBic typ.)	3.0
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	5
LNA Gain (dB)	28
Max Overall Gain (dB)	31
Operation Voltage (V)	2.7–5.5
Application	B1/L1
Connector	SMA(Male pin with internal thread) cable length 1000mm

GNSS Antenna – Active Antenna



Ordering Number: YG0026AA	
Center Frequency (MHz)	1561,1575
Size (mm)	50.9x38.6x17
Peak Gain (dBic typ.)	1
Polarization	R.H.C.P
Max Zenith Axial Ratio (dB)	5
LNA Gain (dB)	28
Max Overall Gain (dB)	30
Operation Voltage (V)	2.8–3.6
Application	B1/L1
Connector	SMA(Male pin with internal thread) cable length 5030mm

Contact Antenna Team



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Thank you!

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