

**Electrical Characteristics**

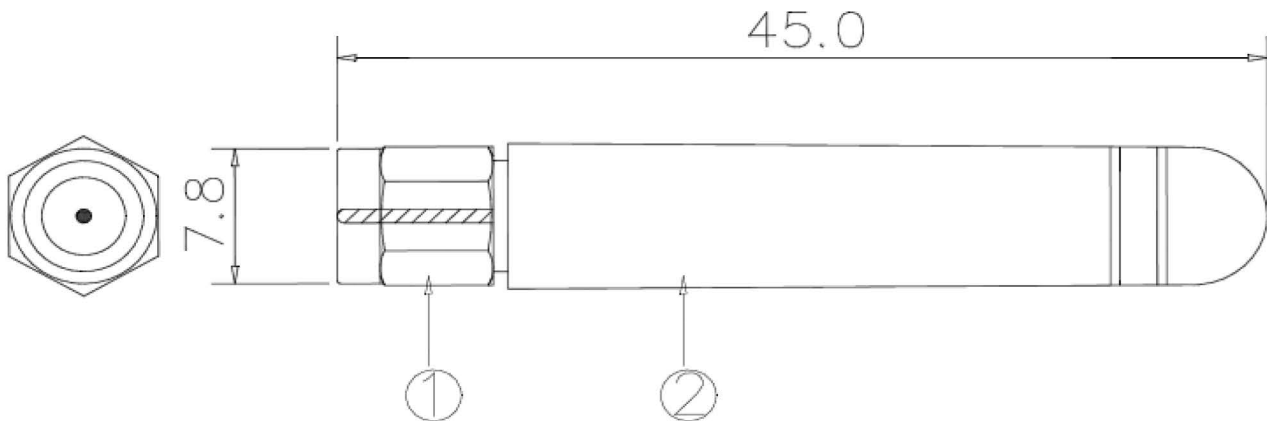
Working Frequency	824/880/960/1880/1990/2170MHz
V.S.W.R	<=3.0
Typical Antenna Gain	2.0 dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	Spring Line
Material of Plastic	PC+ABS
Material of Coaxial Cable	
Connector Type	SMA Male

**Environment**

Operation Temperature	- 30°C~ + 85°C
Storage Temperature	- 30°C~ + 85°C



**How to order**

Series No.	TYPE	TYPE
SA	N 3G	0501

**Electrical Characteristics**

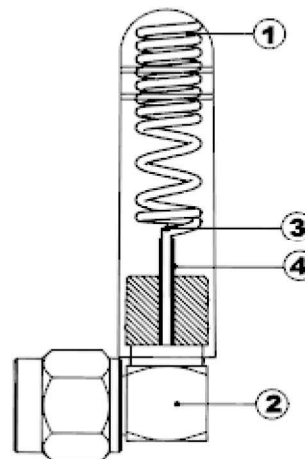
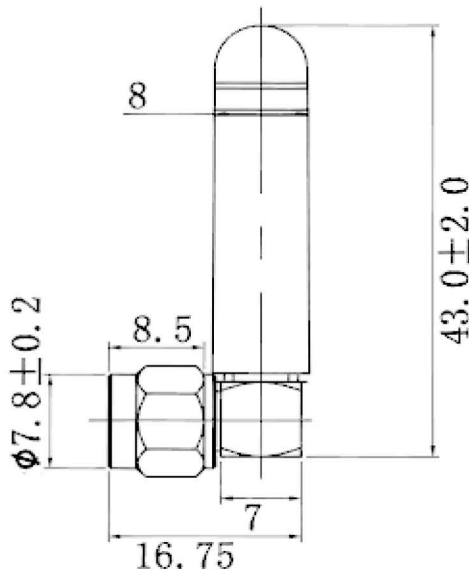
Working Frequency	824~960MHz 1710/2170MHz
V.S.W.R	<=3.5
Typical Antenna Gain	3dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	PC+ABS
Connector Type	SMA Male

**Environment**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	TYPE	TYPE
SA	N	0511

**Electrical Characteristics**

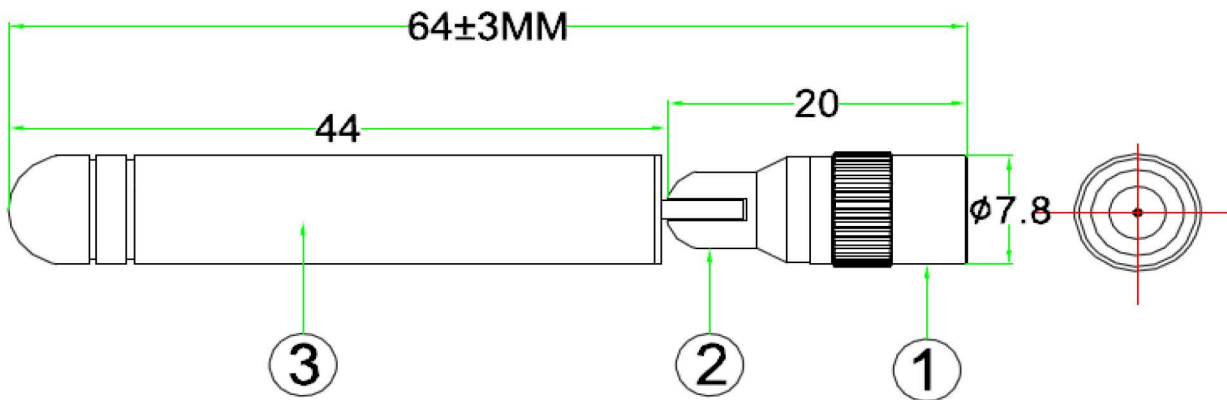
Working Frequency	824~960MHz 1710/2170MHz
V.S.W.R	<=3.5
Typical Antenna Gain	2.0dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	Body: TPEE
Connector Type	SMA Male

**Environment**

Operation Temperature	- 30°C~ + 85°C
Storage Temperature	- 30°C~ + 85°C


**How to order**

Series No.	TYPE	TYPE
SA	N	0504
	3G	

**Electrical Characteristics**

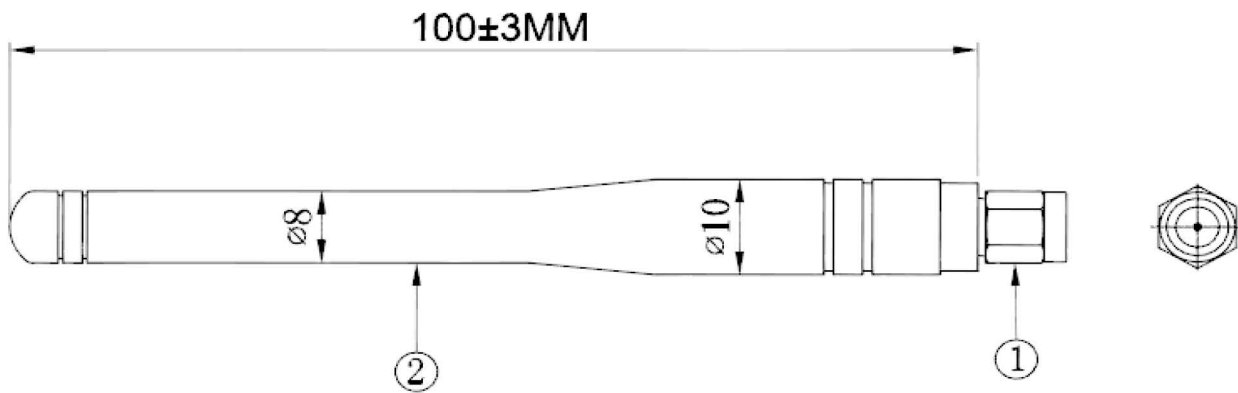
Working Frequency	824~960MHz 1710/2170MHz
V.S.W.R	<= 2.0
Typical Antenna Gain	2.0dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	PA+ABS
Connector Type	SMA Male

**Environmental**

	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C


**How to order**

Series No.	TYPE	TYPE
SA	N 3G	0504

**Electrical Characteristics**

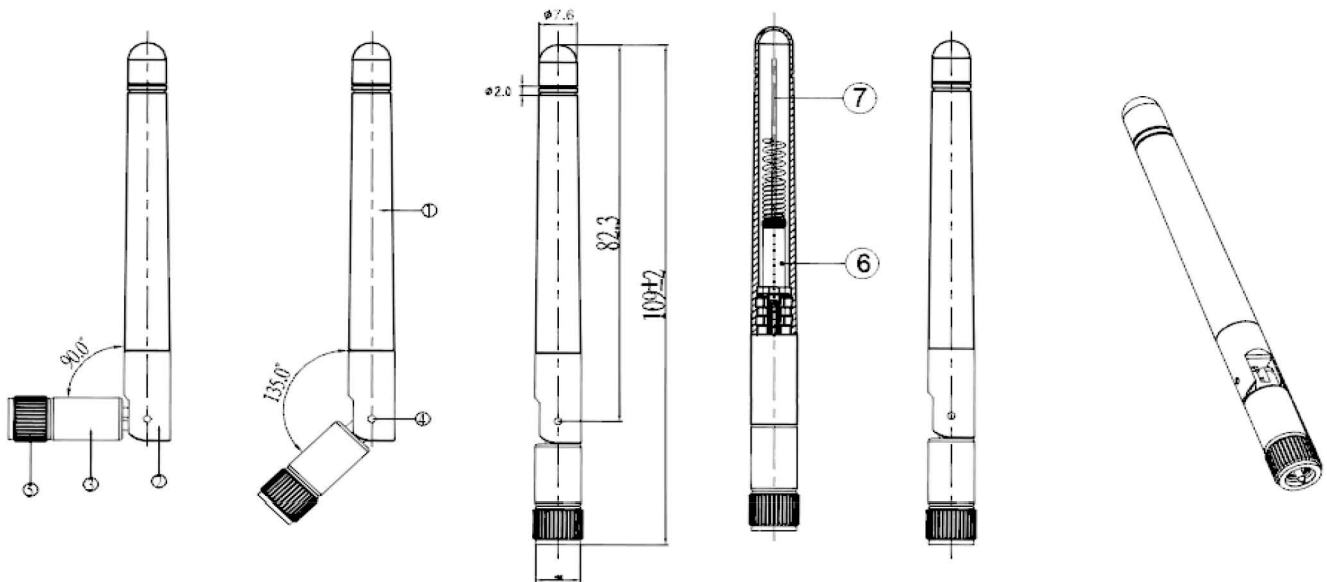
Working Frequency	824~960MHz 1710/2170MHz
V.S.W.R	<= 2.0
Typical Antenna Gain	2.0dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	PC+ABS
Material of Coaxial Cable	RG178
Connector Type	SMA Male

**Environmental**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Type	Series No.	Type
SA	N	0506
	3G	

**Electrical Characteristics**

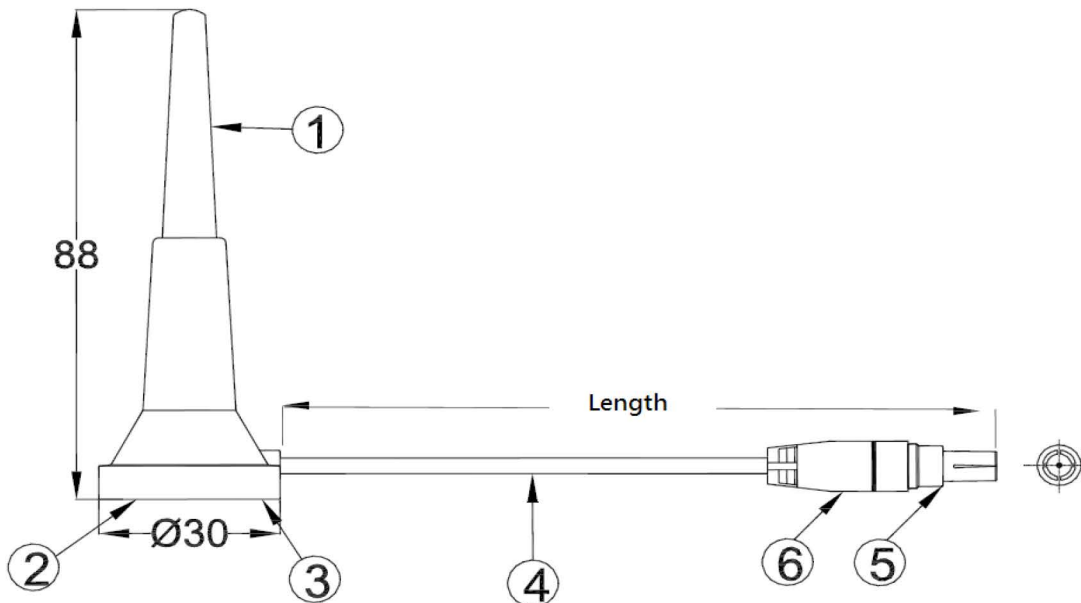
Working Frequency	824/880/960/1880/ 1990/2170MHz
V.S.W.R	<=2.5
Typical Antenna Gain	3dBi
Polarization	Vertical
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	PVC
Material of Coaxial Cable	RG174/U
Connector Type	SMA Male

**Environmental**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	Type	Type	Connector	Cable	Length
SA	N	0507	14	A	1.0
	3G	0507	CRC9	A: RG174	1.0: 1M Optional

**Electrical Characteristics**

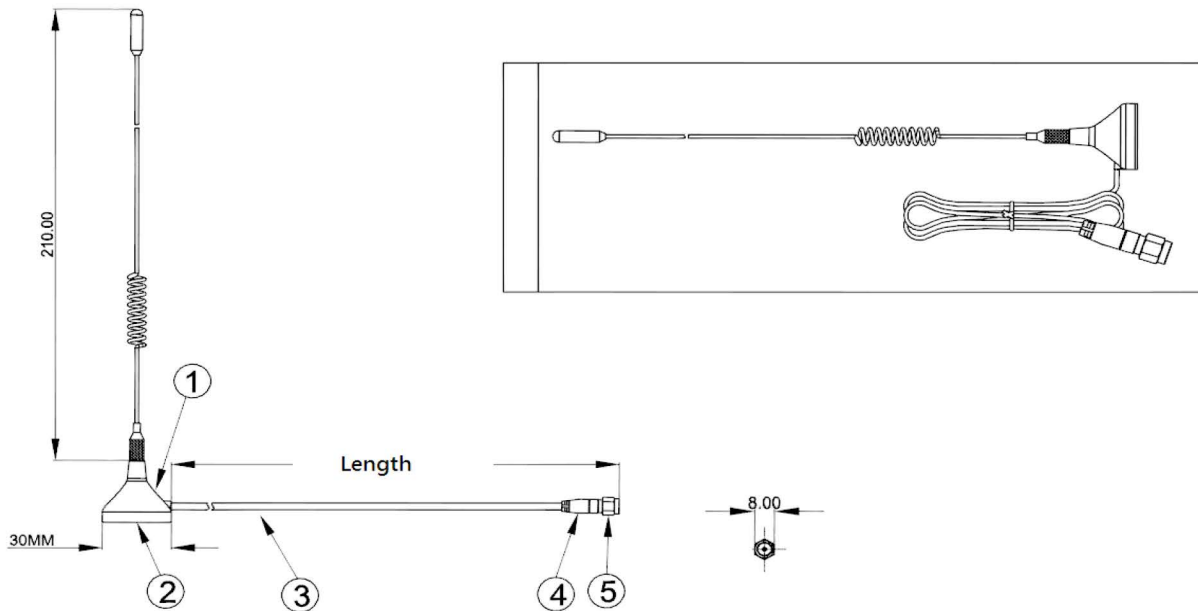
Working Frequency	824/880/960/1880/ 1990/2170MHz
V.S.W.R	<=3.0
Typical Antenna Gain	5 dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	Spring Line
Material of Plastic	Body: ABS
Material of Coaxial Cable	RG174
Connector Type	SMA Male

**Environment**

Operation Temperature	- 30°C~ + 85°C
Storage Temperature	- 30°C~ + 85°C



**How to order**

Series No.	Type	Type	Connector	Cable	Length
SA	N	0508	01	A	2.5
	3G	0508	01: SMA Straight male 04: SMA Straight male Reserve	A: RG174	2.5M Optional

**Electrical Characteristics**

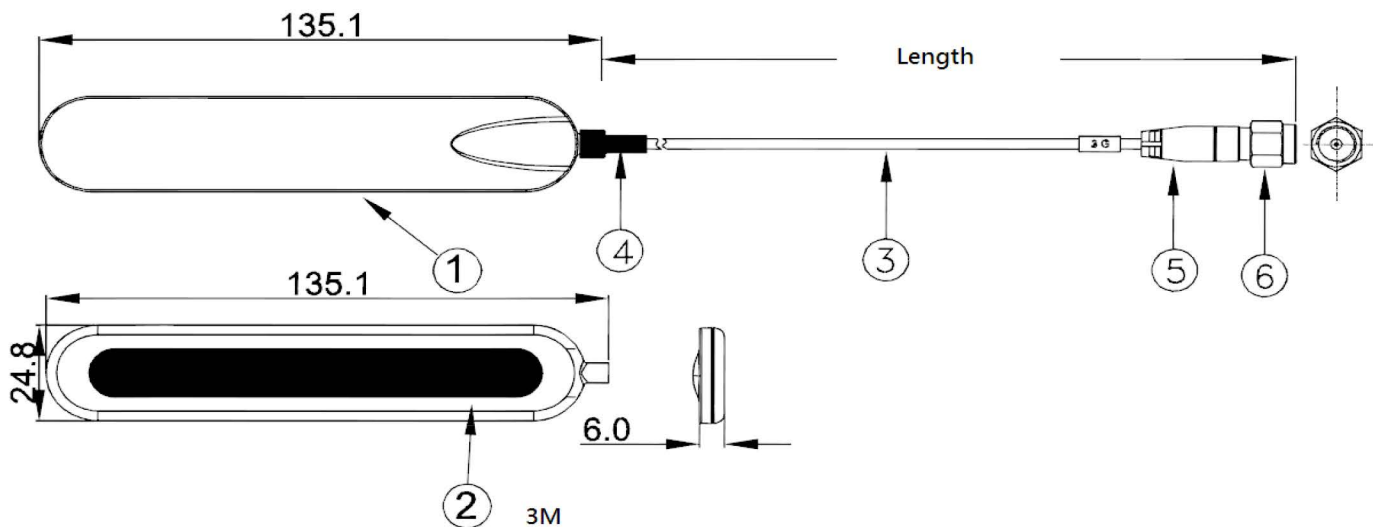
Working Frequency	824/880/960/1880/ 1990/2170MHz
V.S.W.R	< = 2.0
Typical Antenna Gain	3.0 dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	Body: ABS
Antenna Material	PCB
Material of Coaxial Cable	RG316

**Connector Type** SMA Male

C. Environmental	
Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	Type	Type	Connector	Cable	Length
SA	N	0509	01	B	0.3
	3G	0509	01: SMA Straight male 04: SMA Straight male Reserve	B: RG316	0.3M Optional



**Electrical Characteristics**

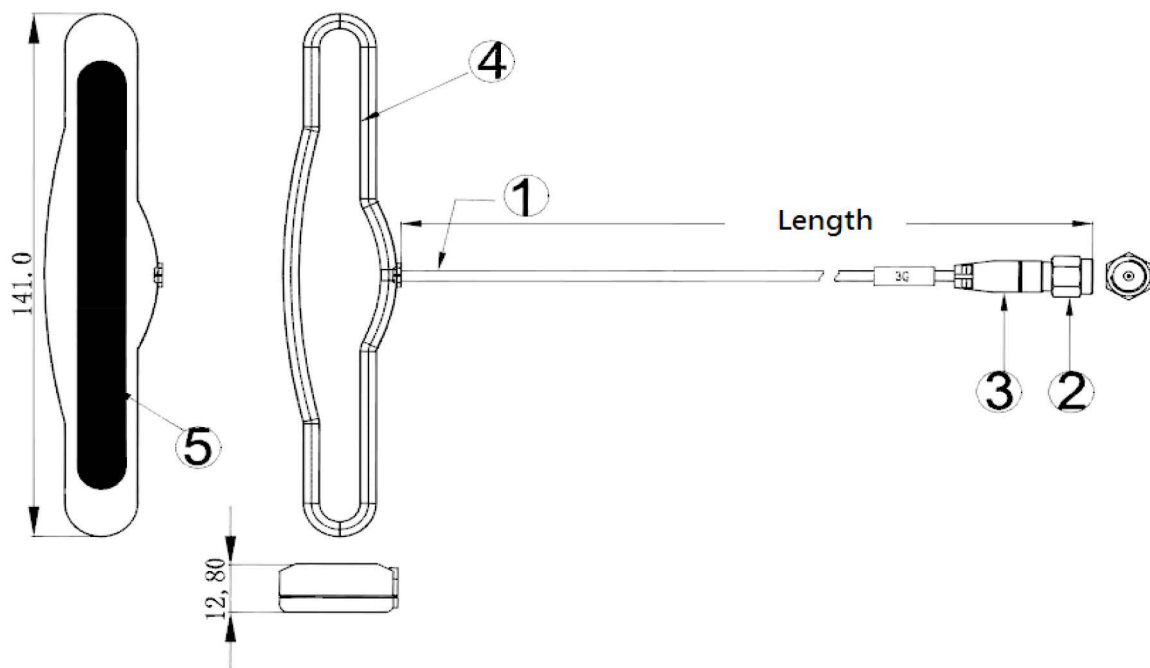
Working Frequency	824/~960MHz / 1710/2170MHz
V.S.W.R	< = 3.0
Typical Antenna Gain	3.0 dBi
Polarization	Linear
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	CU
Material of Plastic	Body: ABS
Material of Coaxial Cable	RG174
Connector Type	SMA Male

**Environment**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	Type	Type	Connector	Cable	Length
SA	N	0510	01	A	2.0
	3G	0510	01: SMA Straight male 04: SMA Straight male Reserve	A: RG174	2.0M Optional

**Electrical Characteristics**

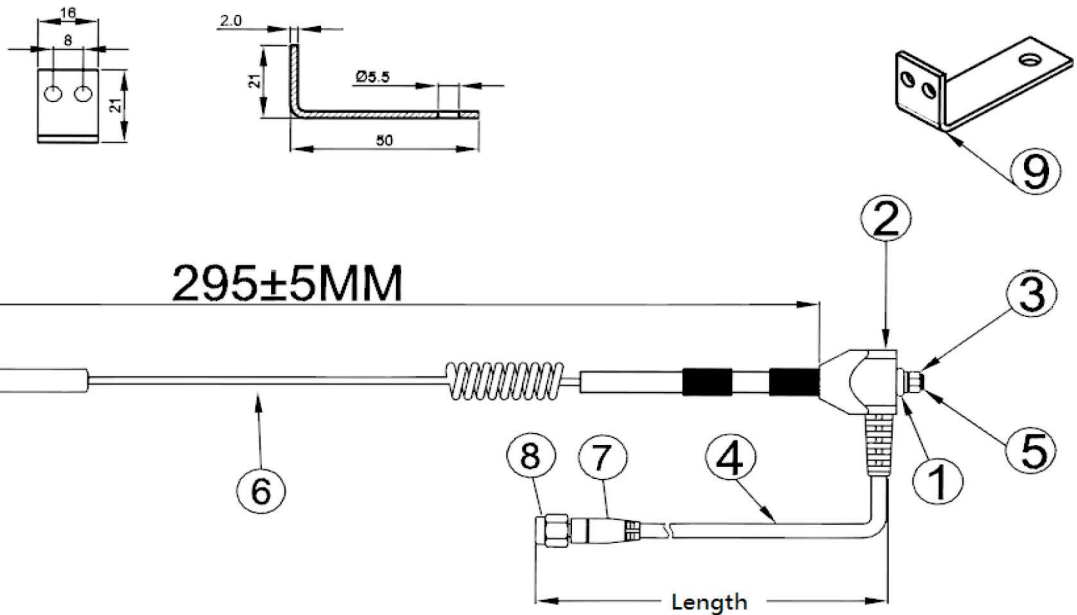
Working Frequency	824/~960MHz / 1710/2170MHz
V.S.W.R	< = 2.5
Typical Antenna Gain	5 dBi
Polarization	Vertical
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	Spring Line
Material of Plastic	Body: PVC
Material of Coaxial Cable	RG174
Connector Type	SMA Male

**Environment**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	TYPE	TYPE	Connector	Cable Type	Length
SA	AS	05D	01	A	2.5M
	AS: GSM or 3G Screw Type		01: SMA,FME... Optional	A: RG174... Optional	2.5M Optional

**Electrical Characteristics**

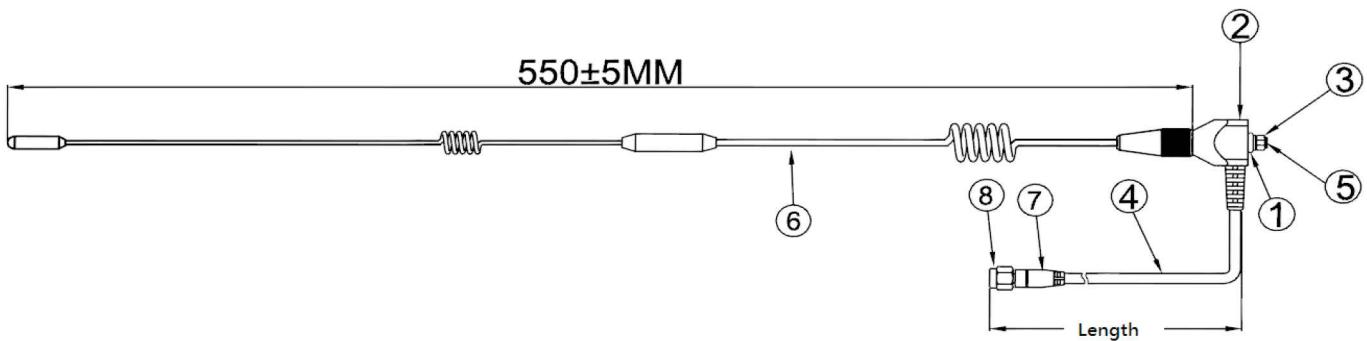
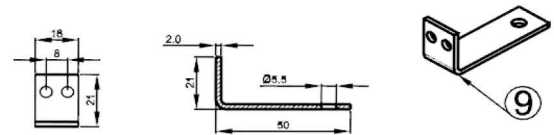
Working Frequency	824/~960MHz / 1710/2170MHz
V.S.W.R	< = 2.5
Typical Antenna Gain	7 dBi
Polarization	Vertical
Impedance	50 Ohm

**Material & Mechanical Characteristics**

Material of Radiator	Spring Line
Material of Plastic	Body: PVC
Material of Coaxial Cable	RG174
Connector Type	SMA Male

**Environment**

Operation Temperature	- 45°C~ + 85°C
Storage Temperature	- 45°C~ + 85°C



**How to order**

Series No.	Type	Type	Connector	Cable Type	Length
SA	AS	05E	01	A	2.5
SA	AS: GSM or 3G Screw Type	05E	01: SMA.FME... Optional	A: RG174... Optional	2.5: 2.5M Optional