

Electrical Characteristics

Working Frequency	GPS:1575.42 ± 1.023 MHz
V.S.W.R	<= 2.0
Gain	1 dBi (Zenith) LNA: 30~37 dBi
Polarization	RHCP
Impedance	50 Ohm

Material

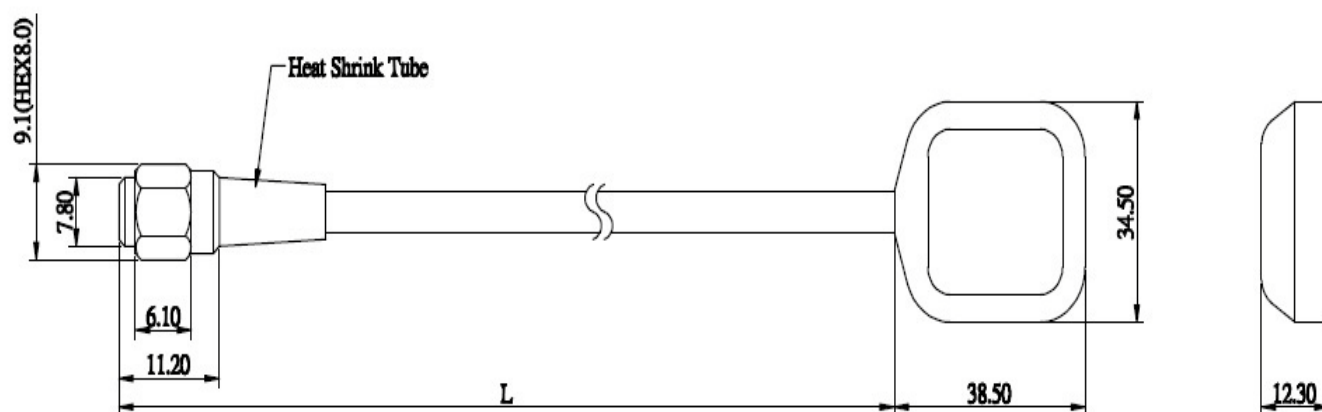
Material of Radiator	Cu
Material of Plastic	ABS + PC
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 35℃ ~ + 85℃
Storage Temperature	- 40℃ ~ + 90℃



Dimensions



How to order

Series No.	Connector	Cable Type	Cable Length
SA37	01	A	1.0
	01:SMA Male Optional	A:RG174... Optional	1.0: 1M Optional

Electrical Characteristics

Working Frequency	1575.42 ± 1.023MHz
V.S.W.R	<= 2.0
Typical Antenna Gain	Zenith: 5.0 dBi LNA: 26~35 dBi
Polarization	RHCP
Impedance	50 Ohm

Material

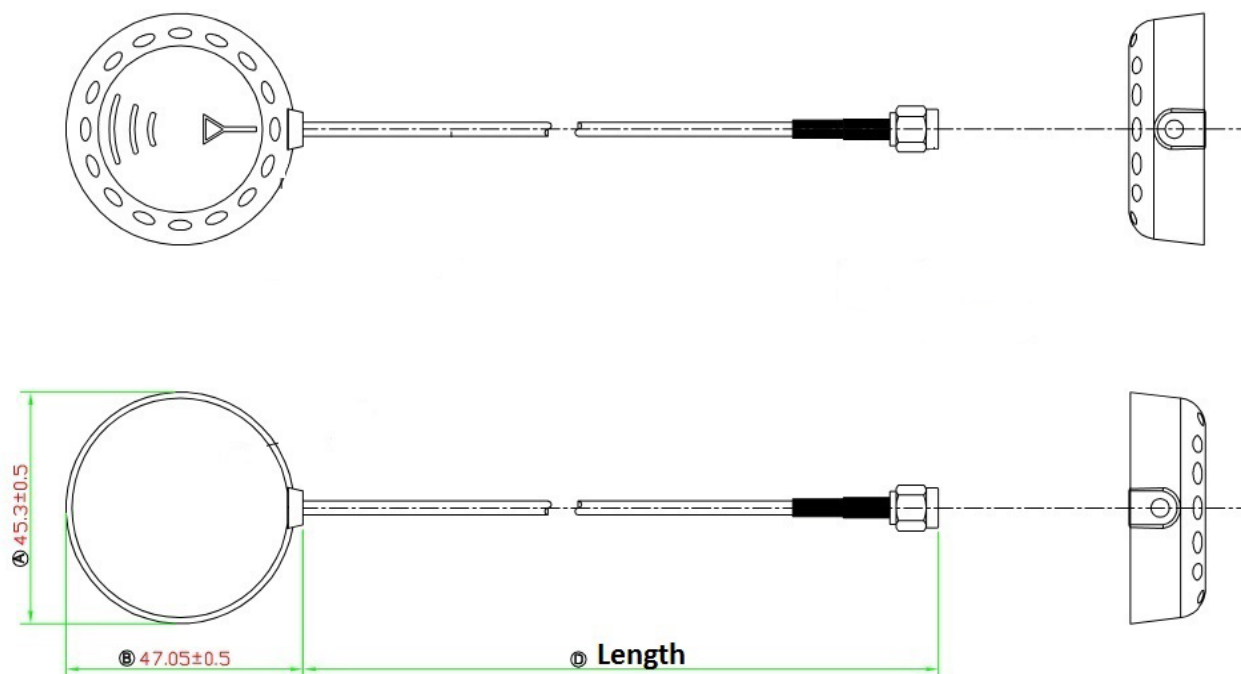
Material of Radiator	Cu
Material of Plastic	ABS + PC
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 35°C ~ + 85°C
Storage Temperature	- 40°C ~ + 95°C



Dimensions



How to order

Series No.	Connector	Cable Type	Cable Length
SA40	01	A	1.0
	01:SMA Male Optional	A:RG174 Optional	1.0: 1M Optional

Electrical Characteristics

Working Frequency	GPS: 1575.42MHz GSM: 900 / 1800Mhz
V.S.W.R	GPS: 2.0 max GSM: 1.8:1
Gain	GPS LNA : 30 dBi GSM: 0 dB
Polarization	GPS: RHCP GSM: Vertical
Impedance	50 Ohm

Material

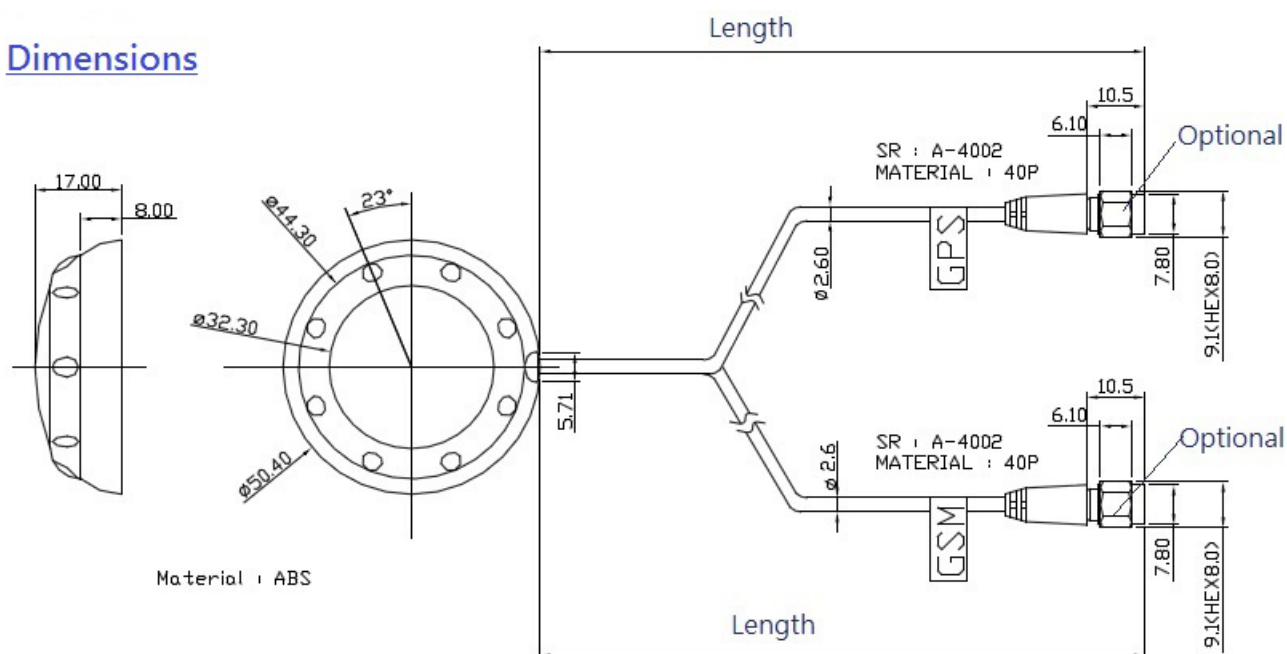
Material of Radiator	Cu
Material of Plastic	Body: ABS
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 35°C~ + 85°C
Storage Temperature	- 40°C~ + 95°C



Dimensions



How to order

Series No.	Connector	Cable Type	Cable Length
SA80	01	01	1
	SMA, FME.. Optional	RG174... Optional	1: 1M Optional

Electrical Characteristics

Working Frequency	GPS: 1575.42MHz GSM: 824 ~ 894MHz, 880 ~ 960/ 1710 ~ 1900MHz
V.S.W.R	GPS: 1.5:1 GSM: 2.0:1 GPS LNA < 2.0
Gain	GSM: 850 & 900 MHz: 3 ± 1 dBi 1800 & 1900MHz: 1 ± 1 dBi GPS LNA: 28 dBi
Polarization	RHCP
Impedance	50 Ohm



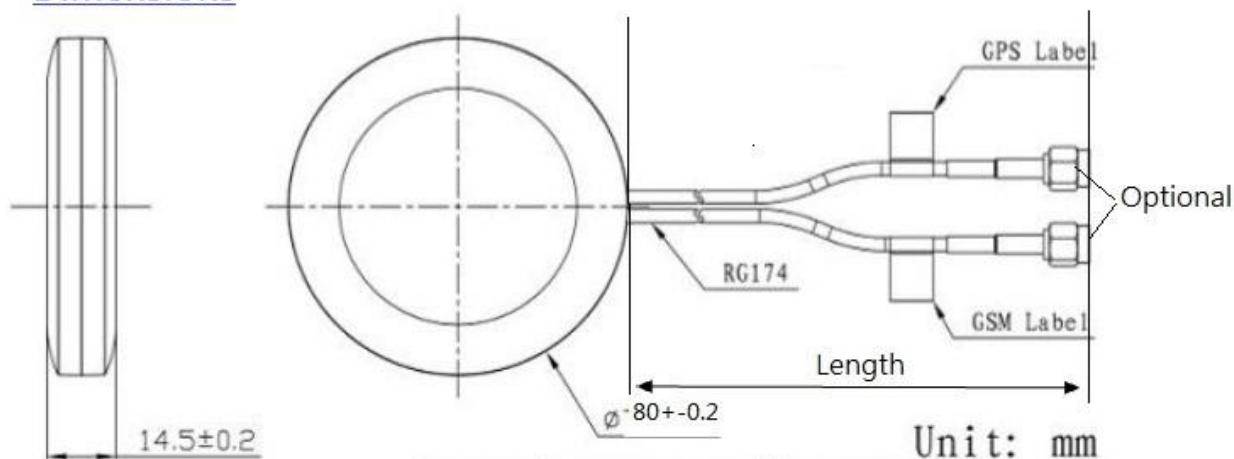
Material

Material of Radiator	CU
Material of Plastic	Body: ABS
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 40°C~ + 85°C
Storage Temperature	- 45°C~ +100°C

Dimensions



How to order

Series No.	Connector	Cable Type	Cable Length
SA80D	01	A	1.0
	01:SMA Male Optional	A: RG174 Optional	1.0: 1M Optional



Electrical Characteristics

Working Frequency	1575.42 ~ 1602Mhz
V.S.W.R	< 1.5 LNA < 2.0
Gain	Zenith: 2 dBi LNA : 28 ± 2 dBi
Polarization	RHCP
Impedance	50 Ohm

Material

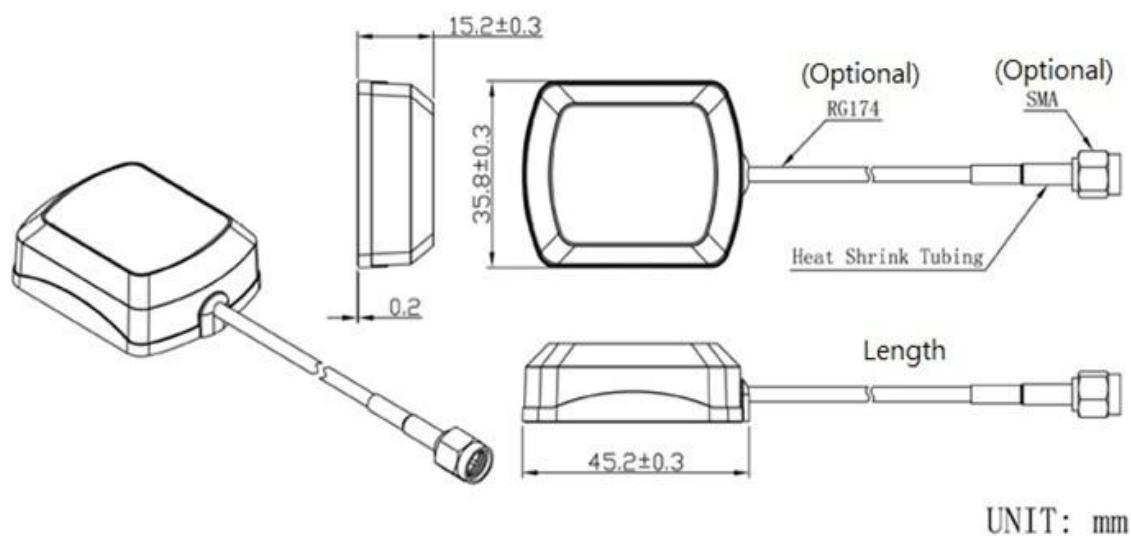
Material of Radiator	CU
Material of Plastic	ABS
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 40°C ~ + 85°C
Storage Temperature	- 40°C ~ + 85°C



Dimensions



How to order

Series No.	Type	Type	Connector	Cable Type	Cable Length
SA	B1	02A	01	A	5.0
	B1:GPS/GLONASS		01:SMA Male Optional	A:RG174 Optional	5.0: 5M Optional

Electrical Characteristics

Working Frequency	GPS : 1575.42 ± 1.023 MHz GLO: 1602 ± 5 MHz
V.S.W.R	2.0:1
Gain	GPS Zenith: -2.5 dBi GLO Zenith: -1.5 dBi LNA: 30 dBi
Polarization	RHCP Linear and Vertical, Horizontal
Impedance	50 Ohm

Material

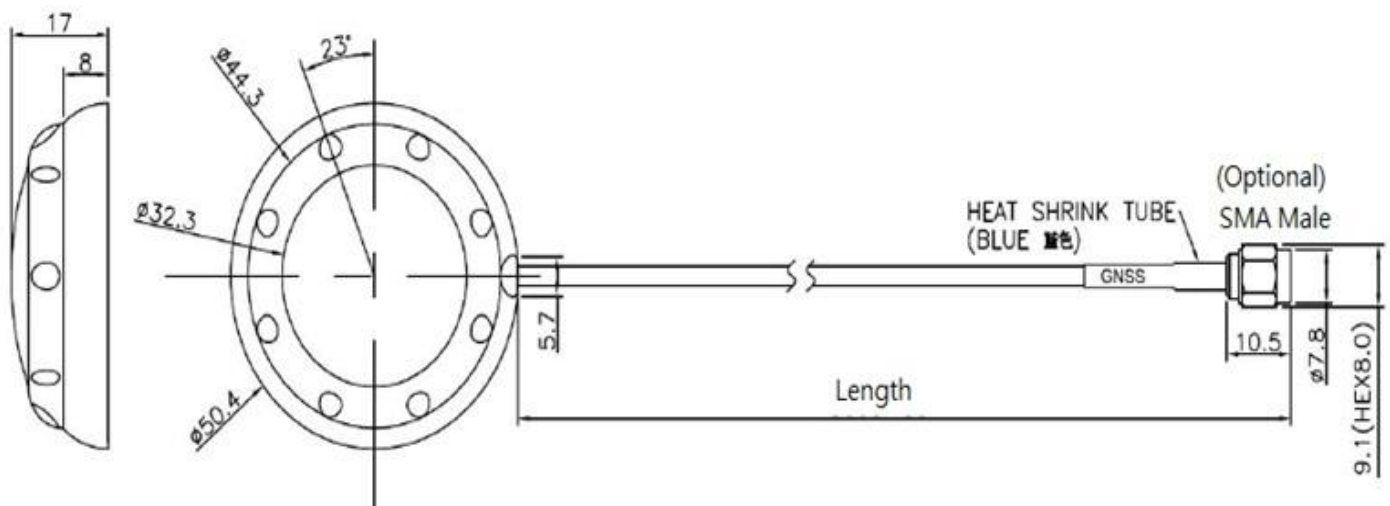
Material of Radiator	Cu
Material of Plastic	PVC + ABS
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 35°C~ + 85°C
Storage Temperature	- 40°C~ + 95°C



Dimensions



How to order

Series No.	Type	Type	Connector	Cable Type	Cable Length
SA	B1	04A	01	A	3.0
	B1:GPS/GLONASS		01:SMA Male Optional	A:RG174 Optional	3.0:3M Optional

Electrical Characteristics

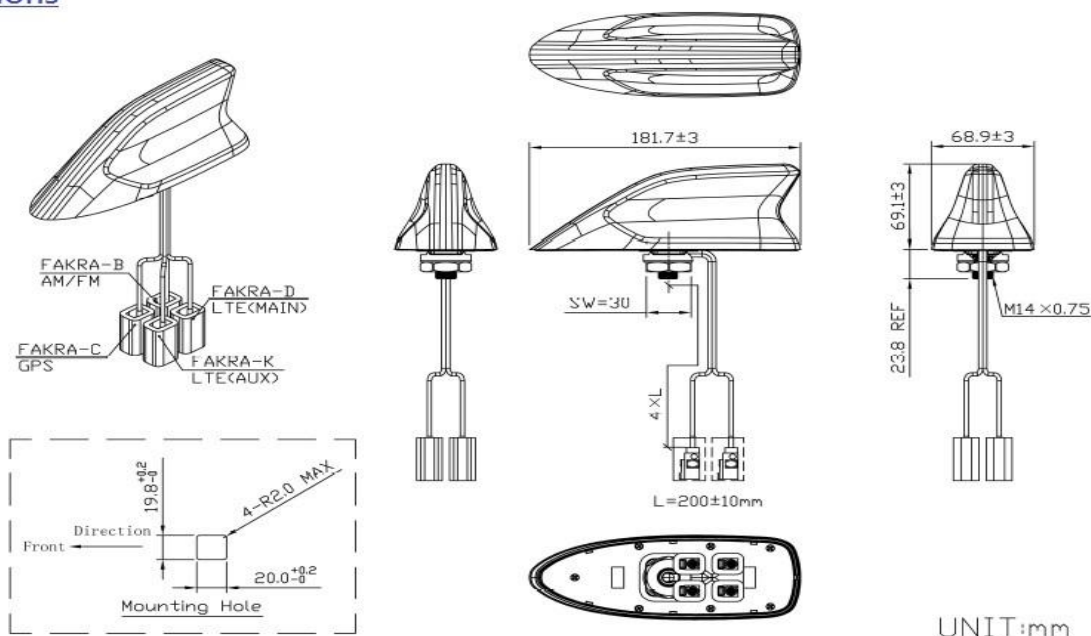
Working Frequency	GPS: 1575.42 ± 3MHz LTE: 698 ~ 960/1710 ~ 2690MHz
V.S.W.R	GPS< 1.5 LTE< 3.0 WiFi< 2.0
Gain	GPS LNA : 28± 2dBi LTE: 3.5 dBi WiFi: 3.0 dBi
Polarization	GPS: RHCP LTE: Linear WiFi: Linear
Impedance	50 Ohm


Material

Material of Radiator	CU
Material of Plastic	Body: ABS
Material of Coaxial Cable	RG174/U

Environment

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

Dimensions

How to order

Series No.	Type	Type	Connector	Cable Type	Cable Length
SA	B3	02A	13	A	5.0
	B3:GPS+LTE+WiFi 2.4GHz		13:Fakra Female Optional	A: RG174 Optional	5.0:5M Optional



Electrical Characteristics

Working Frequency	GPS : 1575.42 MHz GSM: 824 ~ 960 (800/1900/2100) Mhz WiFi: 2.4GHz
V.S.W.R	2.0 : 1
Gain	GPS LNA : 30 dBi GSM: 0 dBi WiFi: 2 dBi
Polarization	GPS: RHCP GSM + WiFi : Vertical
Impedance	50 Ohm

Material

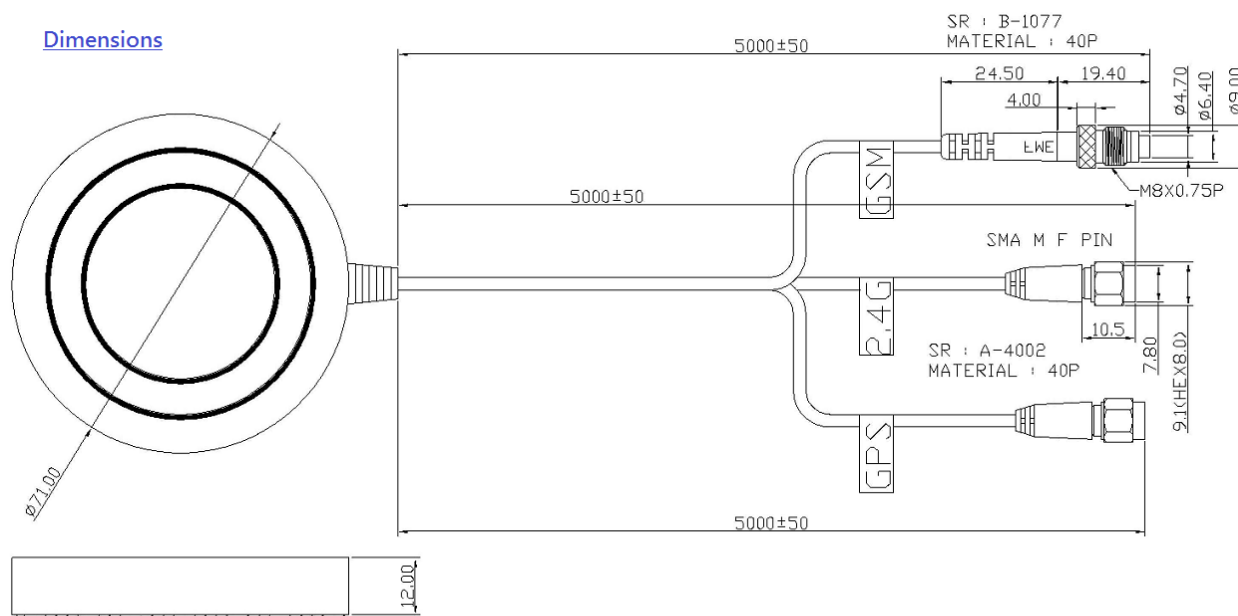
Material of Radiator	Cu
Material of Plastic	PVC + ABS
Material of Coaxial Cable	RG174/U

Environment

Operation Temperature	- 35°C ~ + 85°C
Storage Temperature	- 40°C ~ + 95°C



Dimensions



How to order

Series No.	Type	Type	Connector	Cable Type	Cable Length
SA	B3	04A	01	A	1.0
	B3:GPS+GSM+Wi Fi 2.4GHz		01:SMA Male Optional	A:RG174 Optional	1.0:1M Optional