

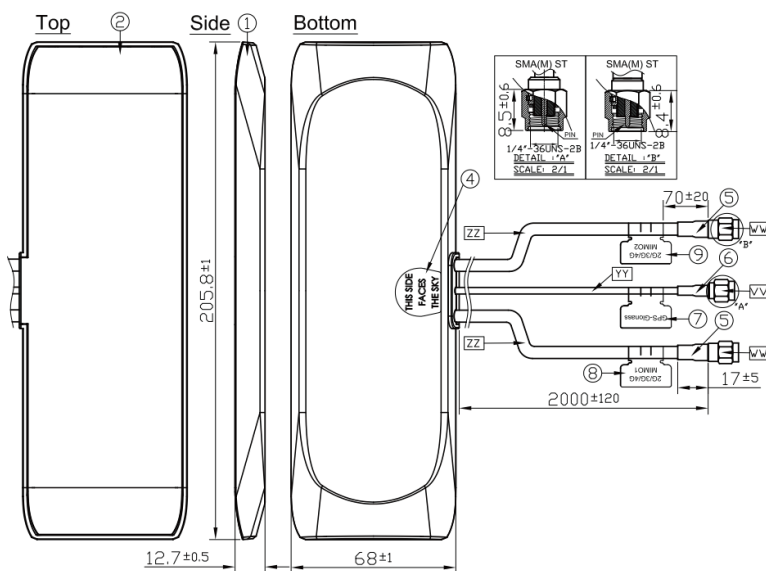
# LTE MIMO/GNSS

3in1 Adhesive Mount Combination Antenna

VM240

## Feature:

- IP67 Antenna
- 1 x GPS-GLONASS: 2 meter RG-174 SMA(M)
- 2 x LTE: 2 meter Low loss NFC-200 SMA(M)ST
- Dimensions: 205.8mm x 58mm x 12.4mm
- Support 3G Fall-back



	Name	Material	Finish	QTY
1	Housing Top MA240	ABS	Black	1
2	Housing Bottom MA240	ABS	Black	1
3	3M Double Sided Adhesive With foerm	3M9448+CR4305	Black	1
4	Clear Label	PET	White	1
5	Heat Shrink Tube (CFD 200)	PE	Black	2
6	Heat Shrink Tube (RG 174)	PE	Black	1
7	GPS-Glonass Label (48x30)	Coated Paper	Orange	1
8	2G/3G/4G MIMO1 Lable (48x30)	Coated Paper	Gray	1
9	2G/3G/4G MIMO2 Lable (48x30)	Coated Paper	White	1

	Name	Spes	Finish	QTY
ww	Connector Type	SMA (M) ST	Gold	1
ww	Connector Type	SMA (M) ST	Gold	2
yy	Cable Type	RG 174	Black	1
zz	Cable Type	NFC 200	White	2

## Specification

### MECHANICAL

Antenna Dimensions	: 205.8 x 58 x 12.4mm
Housing	: PC+ABS Alloy
Ingress Protection Rating	: IP67
Weight	: 250g

### ENVIRONMENTAL

Operation Temperature	: -40°C to 85°C
Storage Temperature	: -40°C to 90°C
Humidity	: Non-condensing 65°C 95% RH

### GPS-GLONASS

Center Frequency	: GPS:1575.42±3 MHz GLONASS:1602±0.5 MHz
Passive Antenna Gain	: GPS: 1.67dBi GLONASS: 0.37dBi
VSWR	: 1.5:1 Max
Impedance	: 50Ω
Cable	: 2 meters RG174 standard, fully customizable
Connector	: SMA(M), standard, fully customizable

### LNA Electrical Properties

Center Frequency	: GPS:1575.42±3 MHz GLONASS:1602±0.5 MHz
Impedance	: 50 Ohm
VSWR	: < 1.5:1
Return Loss	: 10 dB Min.
Gain	: 3.3V 30dB
DC Power Input	: 3.3V
Noise Figure @3.3V	: 1.7d

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