

Product: REM SA GNSS

Product Order Code:

BM-02 RANGE

## Low Profile Self Adhesive Mounted Antenna

GNSS (GPS / Galileo / QZSS / Glonass)



- Low profile robust combination antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via [enquiry@bloomice.com](mailto:enquiry@bloomice.com)

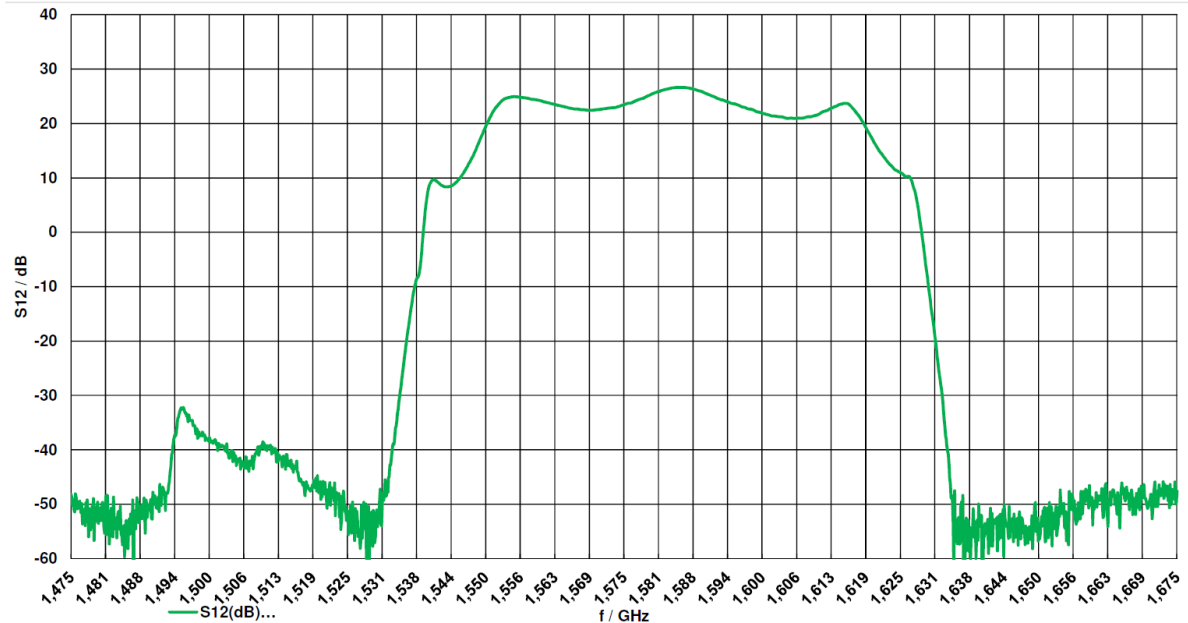
### Technical Data

Dimensions	79mm x 74mm x 15.3mm (H) (Including self adhesive pad)	
Weight	74g (Excluding cable and connector)	
Construction Materials	PC/ABS UL94 V0 / UV Stable	
Mounting Arrangement	3M Adhesive Pad Mounting on any non metallic surface (glass, plastic etc.)	
Temperature Range	-40 to +85 Degree C	
Protection Class	IP67 (IEC 60529)	
<b>GNSS (GPS / GALILEO / QZSS &amp; GLONASS)</b>		
Frequency Range	GPS, GALILEO, QZSS GLONASS	1575.42 MHz Centre Frequency (+/- 1.024MHz) 1602 MHz Centre Frequency (+/-4MHz)
Impedance	50 Ohm	
Polarisation	RHCP	
Radiation Pattern	Hemispherical	
Return loss (VSWR)	<1.3 1 (@ 1575.42MHz & 1602MHz)	
Gain	28dB @ 3v / 30dB @ 5v	
Operational Voltage	2.7v to 5.5v	
Current Consumption	11mA to 18mA (Typical)	
Power Consumption	40mW (Typical)	
SAW Filter	Pre-filter	
Noise Figure	1.5dB (Typical)	
Cable types Available	LL100 50 Ohm Low Loss / RG174 / RG316	
Cable Length	According to customer specification	
Connector	According to customer specification	
Test & Measurement Conditions	300mm x 300mm x 2mm ABS / 1000mm LL100 Cable / SMA Male connector	

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### Typical GNSS LNA Gain



### CAD Data

