

Product: BODY REM GNSS

Product Order Code:
BM-02 RANGE

Low Profile Body 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



Technical Data

Dimensions	79mm x 74mm x 15.3mm (H) (Including self adhesive pad)
Weight	74g (Excluding cables and connectors)
Construction Materials	PC/ABS / UL94 V0 / UV Stable
Maximum Torque Setting (Nm)	4.8Nm
Mounting Arrangement	M12 Stainless Steel Split Nut combined with 3M Adhesive Pad Mounting on any surface (glass, metal, plastic etc.)
Temperature Range	-40 to +85 Degree C
Protection Class	IP67 (IEC 60529)

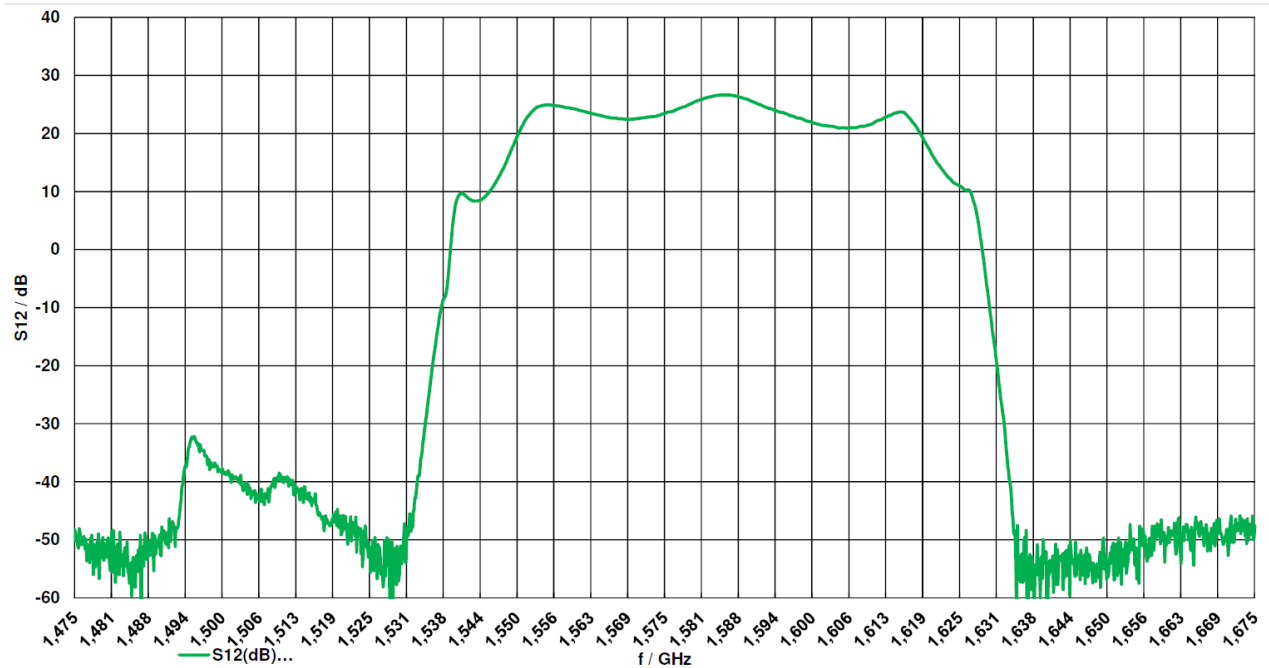
GNSS (GPS / GALILEO / QZSS & GLONASS)

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 Ground Plane / 1000mm LL100 Cable

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Typical GNSS LNA Gain



CAD Data

