

# Antenova Quick Guide - Antennas for GNSS

## GNSS: GPS, GLONASS, Beidou, Galileo

	lamiiANT®			flexiiANT®		REFLECTOR
	SMD			FPC+cable+connector		SMD+cable+connector
Antenna illustration (not to scale)						
Product name	<b>Sinica</b>	<b>Beltii</b>	<b>Raptor</b>	<b>Bentoni</b>	<b>Asper</b>	<b>Robusta</b>
GNSS	GPS / GLONASS / BeiDou / Galileo	GPS / GLONASS / BeiDou / Galileo	GPS / GLONASS / BeiDou / Galileo	GPS / GLONASS / BeiDou / Galileo	GPS/ GLONASS / BeiDou / Galileo / Wi-Fi /Bluetooth / ZigBee	GPS / GLONASS / BeiDou / Galileo
Frequency	1559 - 1609 MHz	1559 -1609 MHz	1164-1249MHz/ 1559-1609MHz	1559 -1609 MHz	1559 - 1609 MHz/ 2.4 -2.5 GHz	1559 -1609 MHz
Part no	SR4G008	SR4G013	SR4G053	SRFG017	SRFWG018	SR4G031
Dimensions L x W x H (in mm)	7.0 x 5.8 x 0.4	15.6 x 3.3 x 4.4	16.0 x 8.0 x 1.6	40.0 x 14.0 x 0.15	81.0 x 14.0 x 0.15	23.0 x 16.0 x 1.6
VSWR	1.4:1	2.2:1	2.1:1 / 1.9:1	1.45:1	1.3:1 /1.4:1	1.60:1
Efficiency	75%	60%	75% / 65%	75%	75% / 85%	50%
Components and ground plane						

### Implementation Support

### Contact Us

Antenova offers a full range of development support and RF testing to help reduce customization, design costs and accelerate your time to market. Antenova recommends customers to use our know-how when it comes to implementing the antenna. We offer advanced measuring equipment, custom tuning and technical support to obtain a secure and reliable implementation. Make Antenova your partner of choice for new product development. Contact [sales@antenova.com](mailto:sales@antenova.com), and why not join our antenna design community at [ask.antenova.com](http://ask.antenova.com).

**Antenova Limited, Global HQ**  
**2<sup>nd</sup> Floor, Titan Court,**  
**3 Bishop Sq, Hatfield, AL10 9NA, UK**  
**+44 1223 810600**  
[www.antenova.com](http://www.antenova.com) • [sales@antenova.com](mailto:sales@antenova.com)