

The bloomice DISC GPS-GLONASS / QUADBAND combination antenna is a robust versatile self adhesive mounted antenna designed for use internally and within environments where excellent performance across all bands is essential.

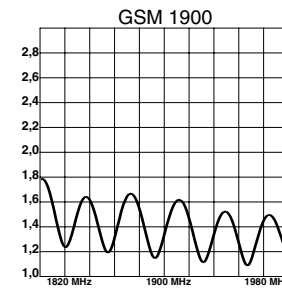
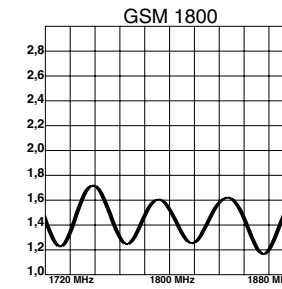
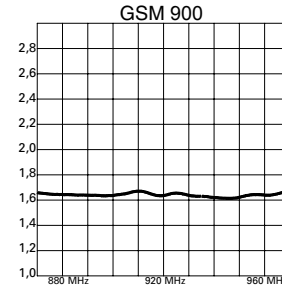
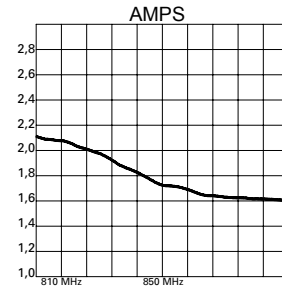
The GPS-GLONASS & QUADBAND elements are embedded within a tough hermetically sealed ABS housing. The integrated components comprise of an amplified two stage GPS/GLONASS patch placed alongside a QUADBAND FR4 element.

The bloomice DISC GPS-GLONASS / QUADBAND combination antenna is perfectly suited for use within the automotive industry, transportation sector, marine environment and with any internally sited data transfer application.

**PRODUCT OVERVIEW**



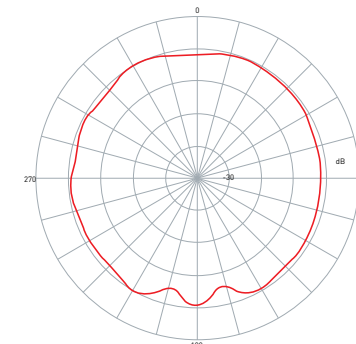
**PRODUCT PICTURE**



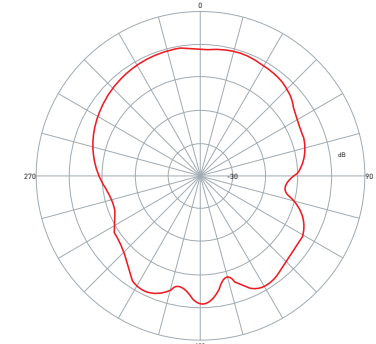
**TYPICAL VSWR**

GPS Information	
Frequency	1574.42MHz / 1592 - 1610MHz
Impedance	50 Ohm
Power (Max.)	138mW
Amplification (LNA) 26dB @3.3v / 28dB @5v	
Current Consumption	15mA - 25mA
Operational Voltage	2.7v to 5.5v
Polarisation	RHCP
GSM Information	
Polarisation	Horizontal / Vertical
Frequency	850MHz, 900MHz, 1800MHz, 1900MHz 2100MHz, 2400MHz
Gain	2.14dBi
Power Handling	50w
Impedance	50Ohm
Physical Characteristics	
Dimensions	78mm Diameter x 13mm Deep
Net Weight	88g
Operational Temperature	-40°c to +85°c
Humidity	100% @ 25°c
Connector	According to customer specification
Cable Type	RG174 Black
Cable Length	According to customer specification

**SPECIFICATION**



XZ Plane



YZ Plane

**GPS / GLONASS RADIATION PATTERNS**