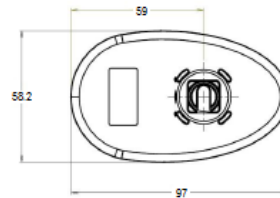
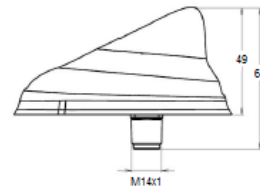


The bloomice FIN GSM LTE/4G & GPS antenna is a robust versatile 'Shark Fin' Style, body mounted antenna designed for use in challenging environments providing excellent performance across a wide spectrum. The bloomice FIN GSM LTE/4G & GPS antenna is available as 'standard' in matt Black but can also be supplied to a RAL finish to meet custom specific requirements (subject to minimum order quantities).

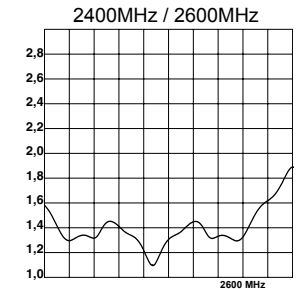
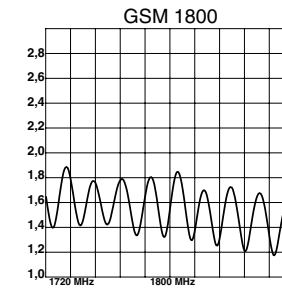
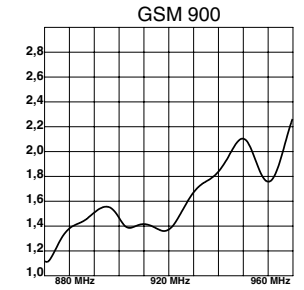
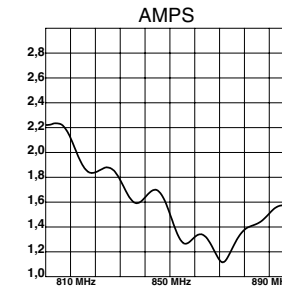
The PCB element is embedded within a rugged ABS housing. An M14X1 through bolt ensures a solid electrical and mechanical connection.

The bloomice FIN GSM LTE/4G & GPS antenna is perfectly suited for use within the automotive industry, transportation sector, marine environment and with any externally sited application where solid reliability coupled with superb performance is essential.

PRODUCT OVERVIEW



CAD DRAWING



TYPICAL VSWR



PRODUCT PICTURE

Electrical Specification - GPS Function

Polarisation	RHCP
LNA Gain	26dB @ 3v / 27dB @ 5v
LNA Voltage	2.7v - 5.5v
Gain	0dBi
Power Handling	138mW
Impedance	50Ω

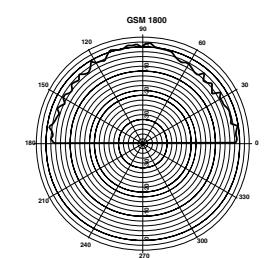
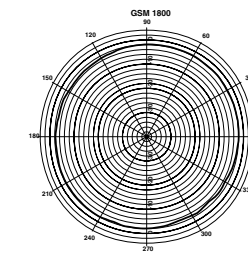
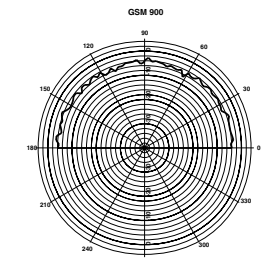
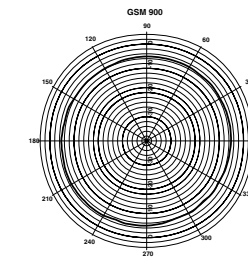
Electrical Specification - LTE/4G Function

Polarisation	Vertical
Frequency	800MHz, 850MHz, 900MHz, 1800MHz, 1900MHz, 2100MHz, 2400MHz, 2600MHz
Gain	2.2dBi
Power Handling	50w
Impedance	50Ω

Physical Characteristics

Dimensions	64mm (H) x 97mm (Front to Rear) x 58.2mm (W)
Net Weight	205g
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

TECHNICAL DATA



RADIATION PATTERNS