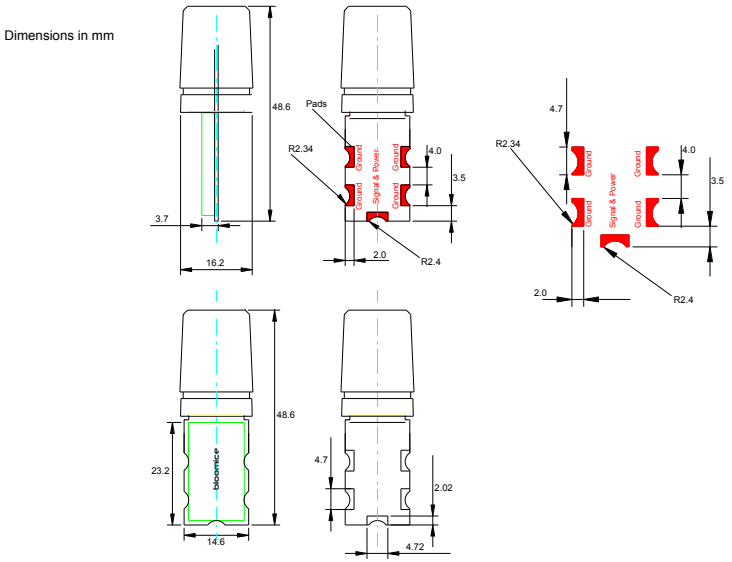
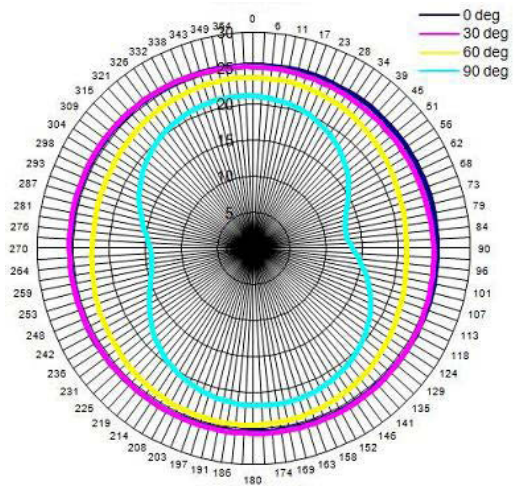
DATASHEET | bloomice HELIX GPS/GLONASS | Product Code: BM-02840



TECHNICAL DRAWINGS

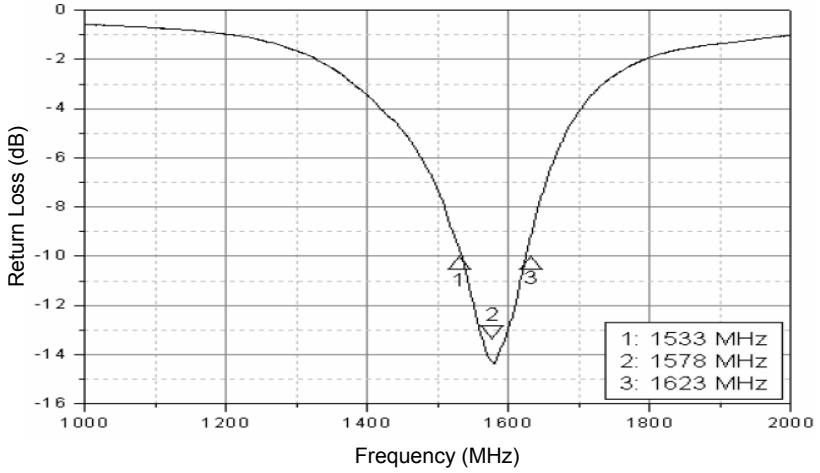


Azimuth Plot
1575.42MHz

RADIATION PATTERN

Centre Frequency	1575.42MHz (Bandwidth 90MHz)
Mounting / Weight	SMT / 8.6g
Impedance	50Ω
Gain	1dBi Typical
LNA Gain	28dBi Typical
Polarisation	RHCP
Noise Figure	1.5dB @ 1575.42-1602MHz
VSWR	<2.0 @ 1575.42-1602MHz
Operational Voltage	2.7v - 5v (DC)
Current (DC)	11mA (Max.)
Filtered Out Of Band Attenuation (f0=1575.42MHz)	
7dB Min f0 +/-20MHz	
20dB Min f0 50MHz	

TECHNICAL SPECIFICATION



RETURN LOSS

PRODUCT PICTURE

The bloomice HELIX GPS/GLONASS active surface mounted high gain GPS / GLONASS antenna offers exceptional performance even when placed in the most challenging of environments.

A robust black ABS UV stable radome is placed upon a helically wound element which is then mounted upon a high performance, high gain LNA.

A uniquely balanced board combined with our use of high quality components facilitates the rejection of common mode noise (GP) and de-tuning. These elements also ensure that the antenna is able to maintain a high level of performance even in the presence of extreme dielectric loading (i.e. when placed in close confinement to human tissue or high dielectric components).

This makes the bloomice HELIX GPS/GLONASS a perfect solution for applications requiring placement within 'hand-held' or 'body worn' devices.

PRODUCT OVERVIEW

bloomice™ excellence in global communication

International Accreditation Board

RoHS COMPLIANT 2002/95/EC

ISO 9001 Registered Firm

CERTIFICATION

for bloomice product information
Visit www.bloomice.eu
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