

Cable type & length available to suit customer specification

Cable type shown in drawing is IPEX 1.13 diameter. Product also available with 0.81, 1.32, RG178, RG178, LMR-100 and with many connectors types including GSC, MMCK, SMA, SMB, TNC, U.FL

TECHNICAL DRAWING

The bloomice GPSMOD/26/26/7.5/18 is a compact single stage 18dB (@3v) GPS antenna offering combination of superb performance with a footprint measuring just 26mm x 26mm x 7.5mm overall depth.

It's size and excellent mechanical and electrical characteristics make it an ideal antenna for use in an infinite number of telematic applications.

The bloomice GPSMOD26/26/7.5/18 antenna is available with a cable type and length and connector type to suit your application.

Contact us to discuss our embedded antenna tuning service, where 'siting' specific modifications can be made to the antenna to suit the environment in which it is to be placed or to suggest optimum positioning for performance.

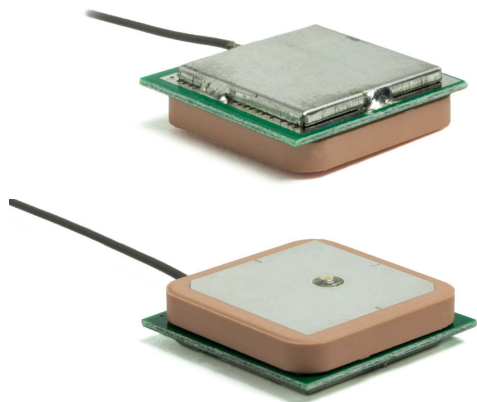
PRODUCT OVERVIEW

Electrical Performance Data

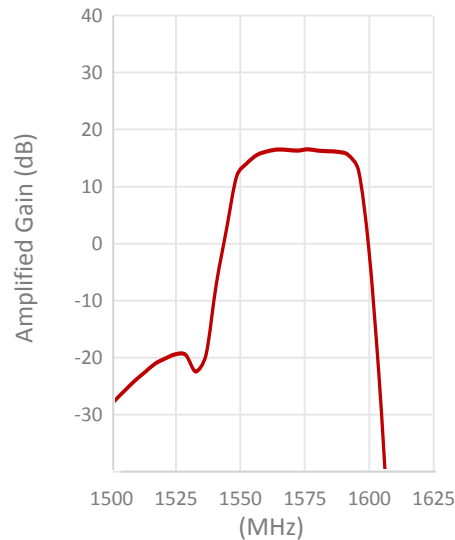
Frequency	1574.42MHz (+/- 3MHz)
Impedance	50Ω
Bandwidth	+/- 5MHz
Peak Gain	>3.6dBi (Based on 70mm x 70mm GP)
Polarisation	RHCP
Gain Coverage	> -4dBi at 90° <0 <+90 (over 75% Vol.)
VSWR	1.5 : 1
Dimensions	See Technical Drawing
Net Weight	44g
Operational Temperature	-40°C to +85°C
Humidity	100% @ 25°C
Connector	According to customer specification
Cable Type	According to customer specification
Cable Length	According to customer specification
Operational Voltage	2.5v to 5.5v

LNA Data

Current	7mA - 11mA Max.
Noise Figure	1.5dB
Outer Band Attenuation (f0=1575.42MHz)	
7dB Min.	f0 +/- 20MHz
20dB Min.	f0 +/- 50MHz
30dB Min.	f0 +/- 100MHz
VSWR	<2.0



PRODUCT PICTURE



LNA GAIN (3V)

SPECIFICATION