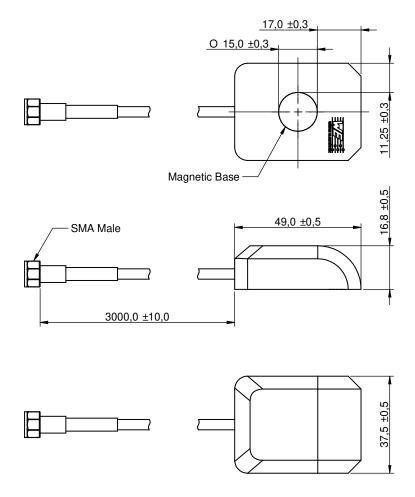
1575 / 1610 MHz Antenna



Key Features

- 1575 / 1610 MHz
- Active GNSS antenna
- SMA/m connector
- RHCP Polarization
- Magnetic mount

Description

The Halimede is a robust GNSS antenna optimized for GPS, GLONASS, Galileo, and BeiDou. Its integrated LNA boosts antenna performance in weak signal conditions, typical of obstructed/urban environments. Antenna operation only requires a small ground plane and a DC voltage supply of 3 to 5 Volt.

Range of Application

The environmental robustness of IP65 and operating temperature of -40 $^{\circ}$ C to 80 $^{\circ}$ C makes the Halimede a good match for industrial applications. The Halimede suits to all kinds of GNSS applications working with one or more of the existing GNSS (GPS, GLONASS, Galileo, and BeiDou) in the frequency band L1.

Specification

	Part number	2600130016
	Frequency	1575.42 MHz ± 5 MHz 1610.42 MHz ± 8 MHz
	VSWR	1.5
	Antenna Gain ¹	5 dBic
	Height	168 mm
	Width	375 mm
	Length	49 mm
	Cable Length	3 m
	Weight	68 g
	Connector	SMA male
	Temperature	-40 to +80°C
	Impedance	50 Ohms
	Polarization	Right Hand Circular Polarization
	IP Ingress Protection	66
	LNA	
	Gain	30 dB
	WSWR	2.0
	Noise Figure	1.5
	DC current @ 3V	11.5 mA
	DC voltage	3-5V

Ordering Information

Item no.	Description
2600130016	Antenna 1575 / 1610 MHz



Matching Products

Item no.	Description
2613021137000	Elara-II GPS & GLONASS module
2614021137000	Erinome-II GPS, GLONASS, Galileo and BeiDou module

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