



REV O Dec 01 2016

Oscilent Controlled Document

Product Part Number	Product Description
Product Overview	External Active Antenna



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Product Overview

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External Active Antenna

Part Number Builder

Series Number	Antenna Size	Connector Type	Cable Length	Individual Specification	Operating Voltage
1322 –			–	–	–
External Active 1322	e.g. (mm) 2540 = 25x25x4.0	3 Alpha Digit e.g. SMA = SMA	e.g. 0100 = 1m	Internal code for individual spec, marking, and special parameters	3 = 3V ±0.3 5 = 5V ±0.5

Electrical Specifications

Parameters Description	
Center frequency (MHz)	1575.42
Noise Coefficient (dB typ)	2.0
Output Impedance (Ω)	50
Working Voltage (V)	3.0 ±3 / 5.0 ±5 (optional)

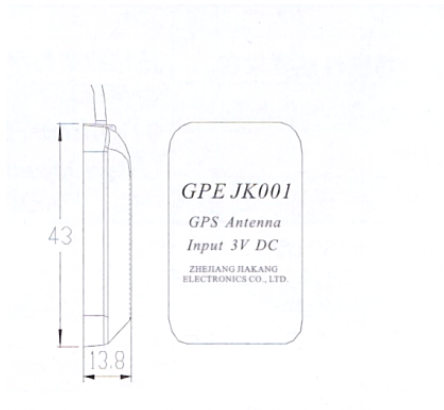
Product Options

Oscilent Part Number	Line Length (m)	Cable Loss (dB)	Antenna Gain (dBi typ)	Amplifier Gain (dBi typ)	Overall Gain (dBi typ)	Connector	Work Current (mA)
1322-2540SMA-0300__	3	5.0	3.5	25	23.5	SMA	13
1322-2540SMA-0500__	5	8.5	3.5	25	20.0	SMA	13
1322-2540MCX-0300__	3	5.0	3.5	25	23.5	MCX	13
1322-2540MCX-0500__	5	8.5	3.5	25	20.0	MCX	13
1322-2540MMC-0300__	3	5.0	3.5	25	23.5	MMCX	13
1322-2540MMC-0500__	5	8.5	3.5	25	20.0	MMCX	13

* __ = use part number builder to complete the product code. Contact Oscilent for more information.



Dimensions



Unit : mm tol : ± 0.3

* Contact Oscilent for additional drawings and graphs

Caution of use

1. Do not apply excess mechanical stress to the component and terminals at soldering.
2. The component may be damaged when excess stress is applied.
3. This specification is based on the quality of the component as a single unit. Thoroughly evaluate the component in your application circuit.