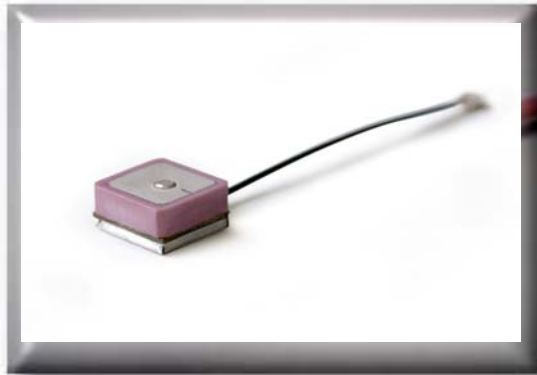


PN-12 Passive GPS Antenna

RoHS Compliant



Antenna RF Characteristics:

Parameter	Value
Bandwidth:	5 MHz
Polarization:	Right Hand Circular
Center Frequency	1575.42 ± 3MHz
Bandwidth	5 MHz min
Peak Gain	0.0 dBi min

General Description:

The PN-12* is one of the smallest and lightest passive GPS antennas available. It is designed for use in embedded GPS products such as AVL and security systems, PDA's and meteorological products. The four metal mounting tabs allow the PN-12 to be soldered directly to a motherboard, eliminating the need for an externally mounted antenna and the requisite cabling.

Environmental Specifications:

Parameter	Value
Operating Temperature Range:	-40° C to +85° C
Storage Temperature Range:	-40° C to +85° C
Humidity:	10-95% RH, non-condensing

Features Include:

- Extremely small size
- Compatibility with many GPS receivers
- Wide operating and storage temperature

Physical Specifications:

Parameter	Value
Dimensions:	12x12x8mm
Weight:	5 ± 0.5 grams
Mounting:	Adhesive
Coaxial Cable:	15cm or 50 cm coax on RG174

Ordering Information:

Model No./Description	Part Number
PN-12, Patch only	10111001G-0
PN-12, 0.5m coax, ra sma plug	10111001G-1
PN-12, 15cm coax, ra sma plug	10111001G-2

* PN-12 replaces PN-05

For configuration assistance, order placement and technical support call:



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