

## Datasheet

## GPS Patch Antenna

Embedded

Features:

The patch antenna has much higher efficiency and small form factor, easy mounting with SMT, suitable for mounting inside device.

Applications:

- GPS enabled devices
- Portable Handsets
- Automotive Navigation
- Marine buoys
- Tracking and Positioning



18 x 18 x 4 mm

GPS Antenna



## Electrical Specifications

## Antenna Characteristics By Range Of Receiving Frequency

Frequency (MHz) @Center Frequency	1575.42 ± 1
Return Loss (dB)	< -10.9
Gain (dBic) @Zenith at 50mm x 50mm ground	2.8
Bandwidth (MHz) @Return Loss : -10dB	8
Efficiency (%)	79
Axial Ratio (dB)	3 Typ.
Polarization	RHCP
Impedance (Ω)	50