

## BGPS10SMA-ST3.0

GPS active antenna with 3 mtrs RG174 and SMA plug



## Product Specifications

### Dielectric Antenna

Center Frequency (MHz) : 1575.42±3

VSWR: 2.0:1

Bandwidth (MHz) : ±5

Impedance (Ω) : 50

Peak Gain: >3dBi Based on 7cm×7cm ground plane

Gain Coverage: >-4dBi at -90° < 0 < +90° (over 75%  
Volume)

Polarization: RHCP

### Mechanical

Weight (gram) < 110 Size (mm) : 42×36×13.5

Cable Length (m) : 2,3 etc.

Connector: SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX  
etc.

Mounting: Magnetic/adhesive

### LNA/Filter

LNA Gain (Without cable) : 28 dBi Typical

Noise Figure (dB) : 2.0

Filter Out Band Attenuation (f0=1575.42 MHz) : 40dB Min  
f0±/-50MHz

VSWR: <2.0

DC Voltage (V) : 2.7 to 5.5v

DC Current (mA) : 11 Max