

# GPS HG

## GPS Antenna

GPS HG is a high performance GPS antenna, ideal for installation where a durable, standalone antenna with small size is needed.

- 1575.42MHz
- IP67 and IPX9K class
- Adhesive mounting
- Verified according to VW TL80101



## Specifications

### Electrical

Frequency	1575.42MHz
Bandwidth	2MHz
Impedance	50Ω
Polarization	RHCP
Gain	28dB
Noise figure	1.2dB
VSWR	1.5:1
Out of band rejection Fc±50MHz	>25dB
Supply current @ 2.6-6VDC	17-19mA
Patch antenna gain @ zenith	3.5dBic (on 50 x 50mm ground plane)
Axel ratio	3dB
Supply voltage	2.6-10VDC (phantom feed)

### Mechanical

Dimensions (L x W x H)	37 x 32 x 14mm
Cable	RG174, black Cable length is defined by part number acc. to below.
Connector	SMA(m)
Weight	~35g
Material	ABS (housing)
Colour	Black
Temperature	Storage/Operating      -40°C to +85°C
This part is RoHS compliant	

### Part number

710064	Cable length 5m
710099	Cable length 2.5m
Other cable lengths and connectors are available upon request.	

Smarteq reserves the right to change specifications without prior notice.