

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
Certified according to 2014/53/EU Radio Equipment Directive (RED)	

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.