

product type designation



Antenna ANT895-6ML

ANT895-6ML GPS antenna Antenna with integrated signal amplifier incl. 0.3 m connection cable and N-Connect female connection; 3 dBi, IP67 (-40...+85 °C) Mounting with magnet or Screw mounting Observe national approvals; compact instructions as hard copy German/English; scope of delivery: 1x ANT 895-6ML.

suitability for operation

GPS

radio frequencies

type of satellite navigation system / is supported / GPS, GLONASS and Galileo

Yes

operating frequency

1575.42 MHz

antenna gain compared to spherical radiator

- with circular radiation

3 dB; at 90°

electrical data

design of the signal amplifier / integrated

two-stage, low noise

supply voltage / from antenna wire

2.7 ... 5 V

type of voltage / of the supply voltage

DC

consumed current / maximum

2 mA; at 5 V

amplification

20 dB

design of the intermediate frequency filter

dual high rejection SAW filter

polarization

Right hand circular

radiation characteristic

GPS

antenna gain compared to spherical radiator

- with circular radiation

3 dB; at 90°

number of electrical connections / of the antenna

1

type of electrical connection / of the antenna

N-Connector

design of plug-in connection

female

ambient conditions

ambient temperature

- during operation

-40 ... +85 °C

protection class IP

IP67

design of the overvoltage protection

Integrated protection up to 15 KV

design, dimensions and weights

width

45 mm

height

51 mm

depth

12 mm

net weight

130 g

fastening method

Magnet or screw mounting

fastening method

- directly on the device

No

wire length / of antenna wire

0.3 m

product features, product functions, product components / general

product feature / silicon-free

Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity

Yes

wireless approval

Current national approvals can be found on the Internet under
www.siemens.com/mobilfunkzulassungen

reference code / according to IEC 81346-2:2019

TFB

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>
<http://www.siemens.com/simatic-net>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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