

product type designation



Antenna ANT895-6ML

-- spare part -- 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 fixing 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

GPS L1

operating frequency

1575.42 MHz

electrical data

antenna gain compared to spherical radiator

- with circular radiation

3 dBi; at 90°

design of the signal amplifier / integrated

two-stage, low noise

supply voltage / from antenna cable

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

number of electrical connections / of the antenna

1

type of electrical connection / of the antenna

N-Connector

design of plug-in connection

female

mechanical data

color

black

ambient conditions

ambient temperature

- during operation

-40 ... +85 °C

protection class IP

IP67; with correct installation

design of the overvoltage protection

Integrated protection up to 15 kV

design, dimensions and weights

width

52.1 mm

height

59.2 mm

depth

13.6 mm

net weight

130 g

fastening method

Magnet or screw mounting

fastening method

- directly on the device

No

wire length / of antenna cable

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 website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Mobile radio national approval • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/mobile-approvals https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
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