

product type designation



### Antenna ANT895-6ML

ANT895-6ML antenna for GNSS L1 in frequency range from 1568 to 1618 MHz; 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; scope of supply: 1x ANT895-6ML

Technical Product Detail Page

<https://l.siemens.com/1P6GK5895-6ML10-0AA0>

suitability for operation

GPS

### radio frequencies

type of satellite navigation system

GPS L1

operating frequency / 1

1568 ... 1618 MHz

### electrical data

antenna gain compared to spherical radiator

- with circular radiation

3 dB; at 90°

design of the signal amplifier / integrated

low noise

supply voltage / from antenna cable

2.5 ... 5 V

type of voltage / of the supply voltage

DC

consumed current / maximum

0.008 A

amplification

30 dB

design of the intermediate frequency filter

SAW filter

polarization

Right hand circular

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

material

- of outer shell

ASA

color

black

### ambient conditions

ambient temperature

- during operation

-40 ... +85 °C

protection class IP

IP67; with correct installation

### design, dimensions and weights

width

52.1 mm

height

59.2 mm

depth

13.6 mm

net weight

120 g

fastening method

Magnet or screw mounting

fastening method

- directly on the device

No

cable designation

RG174

wire length / of antenna cable

0.3 m

### product features, product functions, product components / general

product feature / silicon-free

No

**standards, specifications, approvals**

certificate of suitability	
• RoHS conformity	Yes
wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a>

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