SIEMENS

Data sheet

6GK5895-6ML00-0AA0

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.

radio frequencies type of satellite navigation system / is supported / GPS, GLONASS and Galileo operating frequency 1575.42 MHz antenna gain compared to spherical radiator • with circular radiation 3 dB; at 90° olectrical data ////////////////////////////////////	suitability for operation	GPS
type of satellite navigation system / is supported / GPS. Yes GLONASS and Gallieo operating frequency antenna gain compared to spherical radiator 1575.42 MHz • with circular radiation 3 dB; at 90° olectrical data two-stage, low noise design of the signal amplifier / integrated two-stage, low noise supply voltage / form 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 antenna gain compared to spherical radiator • with circular radiation • with circular radiation 3 dB; at 90° number of electrical connections / of the antenna 1 type of voltage protection female ambient conditions adb; at 90° ambient conditions 40 +85 °C protection class IP IP67 design, dimensions and weights 45 mm width 45 mm height 130 g fasteni	radio frequencies	
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• with circular radiation 3 dB; at 90° electrical data	operating frequency	1575.42 MHz
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• with circular radiation 3 dB; at 90° number of electrical connection / of the antenna 1 type of electrical connection / of the antenna N-Connector design of plug-in connection female ambient conditions	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 ambient conditions -40 +85 °C ambient temperature -40 +85 °C oturing operation protection class IP IP67 design of the overvoltage protection Integrated protection up to 15 KV design, dimensions and weights 45 mm width 45 mm height 51 mm depth 12 mm net weight 130 g fastening method Magnet or screw mounting effective of the device No wire length / of antenna wire 0.3 m product feature / silicon-free Yes standards, specifications, approvals certificate of suitability	antenna gain compared to spherical radiator	
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net weight 130 g fastening method Magnet or screw mounting fastening method No • 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	height	51 mm
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	fastening method	Magnet or screw mounting
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product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability	 directly on the device 	No
product feature / silicon-free Yes standards, specifications, approvals	wire length / of antenna wire	0.3 m
standards, specifications, approvals certificate of suitability	product features, product functions, product components / general	
certificate of suitability	product feature / silicon-free	Yes
	standards, specifications, approvals	
RoHS conformity Yes	certificate of suitability	
	RoHS conformity	Yes

wireless approval

reference code / according to IEC 81346-2:2019

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

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

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