

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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/mobilfunkzulassungen
reference code	
<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	TF 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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