

Product type designation

Antenna ANT895-6ML

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



Suitability for operation	GPS
Radio frequencies	
Operating frequency	1575.42 MHz
type of satellite navigation system / is supported / GPS, GLONASS and Galileo	Yes
Electrical data	
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
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
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Ambient conditions

Ambient temperature	
• during operation	-40 ... +85 °C
Protection class IP	IP67
Design of the overvoltage protection	Integrated protection up to 15 KV
Width	45 mm
Height	51 mm
Depth	12 mm
Net weight	130 g
Mounting type	Magnet or screw mounting
Mounting type	
• 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
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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

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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