

### 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
<b>ambient conditions</b>	
ambient temperature	
• during operation	-40 ... +85 °C
protection class IP	IP67
design of the overvoltage protection	Integrated protection up to 15 KV
<b>design, dimensions and weights</b>	
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
<b>product features, product functions, product components / general</b>	
product feature / silicon-free	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/mobilfunkzulassungen">www.siemens.com/mobilfunkzulassungen</a>
<b>further information / internet-Links</b>	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAX Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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