

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	
operating frequency	1575.42 MHz
electrical data	
antenna gain compared to spherical radiator	
• with circular radiation	3 dB; at 90°
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
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	
color	black
ambient conditions	
ambient temperature	
• during operation	-40 ... +85 °C
protection class IP	IP67; with correct installation
design of the overvoltage protection	Integrated protection up to 15 KV
design, dimensions and weights	
width	52.1 mm
height	59.2 mm
depth	13.6 mm
net weight	130 g
fastening method	Magnet or screw mounting
fastening method	
• 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
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
reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Mobile radio national approval • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/mobile-approvals https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
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