SIEMENS

Product type designation	Antenna ANT895-6ML
	GPS ANTENNA ANT 895-6ML ANTENNA WITH INTEGRATED SIGNAL AMPLIFIER INCL. 0.3 M CONNECT. CABLE AND N-FEMALE CONNECTOR; 3 DBI; IP67 (-40-+85 DGR C) MOUNTING WITH MAGNET OR SCREW FASTENING PLEASE NOTE NATIONAL APPROVALS; COMPACT MANUAL ON PAPER GERMAN/ENGLISH; SCOPE OF SUPPLY: 1X ANT895-6ML

suitability for operation	GPS

Wireless 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 A; at 5 V
Amplification	20 dB
Design of the intermediate frequency filter	dual high rejection SAW filter
Polarization	circular, clockwise
Antenna gain compared to spherical radiator	
• with circular radiation	3 dB; at 90°
Number of electrical connections / of the antenna	1
Design of the electrical connection / of the antenna	N-Connector
Design of plug-in connection	female

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +85 °C
Protection class IP	IP67
Design of the overvoltage protection	Integrated protection up to 15 KV

Design, dimensions and weight	
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
Cable length / of antenna cable	0.3 m

Product properties, functions, components / general	
Product property / 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

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/automation/net/catalog
• 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

last modified: 02.03.2015