

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
Type of 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
Wire length / of antenna cable	0.3 m

Product properties, functions, 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

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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