SIEMENS

Data sheet 6GK5895-6ML10-0AA0

product type designation	**Antenna ANT895-6ML**



ANT895-6ML antenna for GNSS L1 in frequency range from 1568 to 1618 MHz; 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 fixing observe national approvals; scope of supply: 1x ANT895-6ML

product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5895-6ML10-0AA0
suitability for operation	GPS
radio frequencies	
type of satellite navigation system	GPS L1
operating frequency / 1	1568 ... 1618 MHz
electrical data	
antenna gain compared to spherical radiator	
● with circular radiation	3 dB; at 90°
design of the signal amplifier / integrated	low noise
supply voltage / from antenna cable	2.5 ... 5 V
type of voltage / of the supply voltage	DC
consumed current / maximum	0.008 A
amplification	30 dB
design of the intermediate frequency filter	SAW filter
polarization	Right hand circular
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	
material	
● of outer shell	ASA
color	black
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
protection class IP	IP67; with correct installation
design, dimensions and weights	
width	52.1 mm
height	59.2 mm
depth	13.6 mm
net weight	120 g
fastening method	Magnet or screw mounting
fastening method	
● directly on the device	No
cable designation	RG174
wire length / of antenna cable	0.3 m
product features, product functions, product components / general	

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product feature / silicon-free	No
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

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