

Data sheet

6GK5896-4ME00-0AA0

product type designation



Antenna ANT896-4ME

ANT896-4ME mobile wireless antenna for GSM (2G), UMTS (3G) and LTE(4G) Networks, Omnidirectional Characteristic, including N-Connect female connection 3 dBi; IP66 (-40-+70 °C), observe national approvals; mounting on control cabinet; scope of delivery: 1x ANT 896-4ME, compact instructions as hard copy German/English;

Technical Product Detail Page

<https://l.siemens.com/1P6GK5896-4ME00-0AA0>

radio frequencies

type of wireless network / is supported	LTE, UMTS, GSM
operating frequency / 1	698 ... 960 MHz
operating frequency / 2	1710 ... 2700 MHz

electrical data

antenna gain compared to spherical radiator	typical maximum gain without connecting cable
<ul style="list-style-type: none"> with linear radiation 	3 dB
<ul style="list-style-type: none"> with linear radiation / in operating frequency area 1 / typical 	3 dB
<ul style="list-style-type: none"> with linear radiation / in operating frequency area 2 / typical 	3 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
<ul style="list-style-type: none"> horizontal 	360°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	female

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +70 °C
protection class IP	IP66

design, dimensions and weights

height	61 mm
diameter	38.1 mm
net weight	220 g
fastening method	
<ul style="list-style-type: none"> flat roof mounting 	Yes
<ul style="list-style-type: none"> roof mounting 	No
<ul style="list-style-type: none"> directly on the device 	No

product features, product functions, product components / general

product feature / silicon-free	Yes
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standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> 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: 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>
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security information

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