

### 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;

radio frequencies	
type of wireless network / is supported	LTE, UMTS, GSM
operating frequency	700 MHz, 800 MHz, 850 MHz, 900 MHz, 1575.42 MHz, 1700 MHz, 1800 MHz, 1900 MHz, 2100 MHz, 2200 MHz, 2600 MHz
antenna gain compared to spherical radiator <ul style="list-style-type: none"> <li>with linear radiation</li> </ul>	3 dB
electrical data	
impedance	50 Ω
polarization	linear vertical
radiation characteristic	omnidirectional
antenna gain compared to spherical radiator <ul style="list-style-type: none"> <li>with linear radiation</li> </ul>	3 dB
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna <ul style="list-style-type: none"> <li>horizontal</li> </ul>	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"> <li>during operation</li> </ul>	-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"> <li>flat roof mounting</li> <li>roof mounting</li> <li>directly on the device</li> </ul>	Yes No No
product features, product functions, product components / general	
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability <ul style="list-style-type: none"> <li>RoHS conformity</li> </ul>	Yes
wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/mobilfunkzulassungen">www.siemens.com/mobilfunkzulassungen</a>
reference code	

- acc. to IEC 81346-2
- according to IEC 81346-2:2019

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#### further information / internet-Links

##### Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>  
<http://www.siemens.com/simatic-net>  
<https://mall.industry.siemens.com>  
<http://www.siemens.com/industry/infocenter>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<https://support.industry.siemens.com>

**last modified:**

11/3/2021 