

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 / 1	698 ... 960 MHz
operating frequency / 2	1710 ... 2700 MHz
electrical data	
antenna gain compared to spherical radiator	
• with linear radiation / in operating frequency area 1 / typical	3 dB
• 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	
• 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	
• 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	
• flat roof mounting	Yes
• roof mounting	No
• directly on the device	No
product features, product functions, product 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
reference code / according to IEC 81346-2:2019	TFB
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>
- <https://www.siemens.com/mobile-approvals>
- <https://www.siemens.com/simatic-net>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

security information

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