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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, incl. N-female connector: 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 English/German;

Radio frequencies	
Type of mobile network / is supported	GSM, UMTS, LTE
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

Electrical data	
Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	
• with linear radiation	3 dB
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
Mounting type	
• flat-roof mounting	Yes
• directly on the device	No

Product features, product functions, product components / general	
Product feature / silicon-free	Yes

Standards, specifications, approvals	
Certificate of suitability	

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• 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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