SIEMENS

Data sheet 6GK5795-6MP00-0AA0

product type designation	**Antenna ANT795-6MP**
	ANT795-6MP IWLAN antenna with omnidirectional characteristic; incl. N-Female plug: 5/7 dBi; IP65/67 (-40-+80 °C); 2.4/5 GHz Wi-Fi compliance and observe national approvals; mounting on wall or mast; compact instructions on German/English scope of delivery: 1x ANT795-6MP, 1x mounting aid.



product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5795-6MP00-0AA0
radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
● for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 GHz
● for WLAN in 5 GHz frequency band 1	4.94 ... 5.925 GHz
electrical data	
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 2.4 GHz frequency band	5 dB
● of the WLAN antenna / in the 5 GHz frequency band	7 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	take the antenna diagram into account regarding the horizontal beam angle
● in the 2.4 GHz frequency band / horizontal	360°
● in the 2.4 GHz frequency band / vertical	25°
● in the 5 GHz frequency band / horizontal	360°
● in the 5 GHz frequency band / vertical	15°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	female
angle of inclination / downward / maximum	0°
mechanical data	
material	
● of outer shell	UV-resistant white plastic
color	white
ambient conditions	
ambient temperature	
● during operation	-40 ... +80 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
protection class IP	IP65/67
wind load / maximum	19.6 N
resistance to salt-laden atmosphere / conformity according to EN 60068-2-52	Yes; Severity 1
design, dimensions and weights	

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width	97 mm
height	367 mm; incl. bracket
depth	64 mm
diameter	28.6 mm
net weight	140 g
fastening method	
● mast mounting	Yes
● wall 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
product conformity	UL 94-HB
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
further information / internet links	
● internet link / to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● internet link / to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● Internet link / to website: WLAN country approval	https://www.siemens.com/wireless-approvals
● internet link / to website: Industrial communication	https://www.siemens.com/simatic-net
● internet link / to web page: SiePortal	https://sieportal.siemens.com/
● internet link / to website: Image database	https://www.automation.siemens.com/bilddb
● internet link / to website: CAx-Download-Manager	https://www.siemens.com/cax
● internet link / to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

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