SIEMENS

Data sheet 6GK5795-4MD00-0AA3

product type designation	**Antenna ANT795-4MD**



ANT795-4MD IWLAN antenna with omnidirectional Characteristic; including N-Connect male plug with fixed 90° angle; 3/5 dBi; IP65 (-20-+60 °C), 2.4/5GHz; Wi-Fi compliance and observe national approvals; direct mounting on SCALANCE W with N-Connect connection system; scope of delivery: 1x ANT795-4MD, compact instructions as hard copy German/English.

product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5795-4MD00-0AA3
radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
● for WLAN in 2.4 GHz frequency band	2.4 ... 2.4835 GHz
● for WLAN in 5 GHz frequency band 1	5.15 ... 5.35 GHz
● for WLAN in 5 GHz frequency band 2	5.725 ... 5.85 GHz
electrical data	
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 2.4 GHz frequency band	3 dB
● of the WLAN antenna / in the 5 GHz frequency band	5 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
● in the 2.4 GHz frequency band / horizontal	360°
● in the 5 GHz frequency band / horizontal	360°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	male, 90° angle
angle of inclination / downward / maximum	0°
mechanical data	
material	
● of outer shell	Polycarbonate
ambient conditions	
ambient temperature	
● during operation	-20 ... +65 °C
● during storage	-20 ... +65 °C
● during transport	-20 ... +65 °C
protection class IP	IP65
design, dimensions and weights	
width	35 mm
height	160 mm
depth	13 mm
net weight	40 g
fastening method	

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● mast mounting	No
● wall mounting	No
● roof mounting	No
● directly on the device	Yes
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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