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.

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	
● mast mounting	No

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● 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
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: WLAN country approval	https://www.siemens.com/wireless-approvals
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
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