SIEMENS

Data sheet 6GK5795-4MB00-0AA0

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



ANT795-4MB IWLAN antenna with omnidirectional Characteristic, Radially rotatable, with additional joint, incl. RSMA connector: 2/3 dBi, IP65 (-20-+60 °C), 2.4/5 GHz; Wi-Fi compliance and national approvals to be observed; direct mounting on SCALANCE W with RSMA connection system; scope of delivery: 1xANT795-4MB , compact instructions as hard copy German/English.

product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5795-4MB00-0AA0
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	5.15 ... 5.85 GHz
electrical data	
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 2.4 GHz frequency band	2 dB
● of the WLAN antenna / in the 5 GHz frequency band	3 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	RSMA Connector
design of plug-in connection	male, variable 0-90°
angle of inclination / downward / maximum	0°
mechanical data	
material	
● of outer shell	Polycarbonate
ambient conditions	
ambient temperature	
● during operation	-20 ... +65 °C
● during storage	-30 ... +70 °C
protection class IP	IP65
design, dimensions and weights	
height	114 mm
diameter	12.9 mm
net weight	21.5 g
fastening method	
● mast mounting	No
● wall mounting	No
● roof mounting	No

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● directly on the device	Yes
product features, product functions, product components / general	
product feature / silicon-free	No
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
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	
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