

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
• 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
- to web page: selection aid TIA Selection Tool
- to web page: WLAN country approval
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>
<https://www.siemens.com/tstcloud>
<https://www.siemens.com/wireless-approvals>
<https://www.siemens.com/simatic-net>
<https://sieportal.siemens.com/>
<https://www.automation.siemens.com/bilddb>
<https://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

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