

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.

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 <ul style="list-style-type: none"> • RoHS conformity 	Yes
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link <ul style="list-style-type: none"> • 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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