

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 Observe national approvals; Direct mounting on SCALANCE W with RSMA connection system; Scope of delivery: 1x ANT795-4MB, compact instructions as hard copy German/English

radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
<ul style="list-style-type: none"> for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band 1 	2.4 ... 2.5 GHz 5.15 ... 5.85 GHz
electrical data	
impedance	50 Ω
polarization	linear vertical
radiation characteristic	omnidirectional
antenna gain compared to spherical radiator	
<ul style="list-style-type: none"> of the WLAN antenna / in the 2.4 GHz frequency band of the WLAN antenna / in the 5 GHz frequency band 	2 dB 3 dB
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
<ul style="list-style-type: none"> in the 2.4 GHz frequency band / horizontal in the 5 GHz frequency band / horizontal 	360° 360°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	R-SMA Connector
design of plug-in connection	male, variable 0-90°
angle of inclination / downward / maximum	0°
mechanical data	
material	
<ul style="list-style-type: none"> of outer shell 	Polycarbonate
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage 	-20 ... +65 °C -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	
<ul style="list-style-type: none"> mast mounting wall mounting 	No No

<ul style="list-style-type: none"> • roof mounting • directly on the device 	No 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
further information / internet-Links	
Internet-Link <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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