

Product type designation

Antenna ANT795-4MA

ANT795-4MA WLAN antenna with omnidirectional Characteristic, Radially rotatable, with additional joint, incl. RSMA connector: 3/5 dBi, IP30 (-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 ANT795-4MA, compact instructions as hard copy German/English



Radio frequencies

Type of mobile network / is supported	WLAN
Operating frequency	
<ul style="list-style-type: none"> • for WLAN in 2.4 GHz frequency band 	2.4 ... 2.4835 GHz
<ul style="list-style-type: none"> • for WLAN in 5 GHz frequency band 1 	5.15 ... 5.35 GHz
<ul style="list-style-type: none"> • for WLAN in 5 GHz frequency band 2 	5.725 ... 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 	3 dB
<ul style="list-style-type: none"> • of the WLAN antenna / in the 5 GHz frequency band 	5 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 	360°

• in the 5 GHz frequency band / horizontal	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	
• 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	IP30
Width	35 mm
Height	160 mm
Depth	13 mm
Net weight	29 g
Mounting type	
• 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	Yes
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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: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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