SIEMENS

Data sheet 6GK5795-4MC00-0AA3

Product type designation

Antenna ANT795-4MC

IWLAN ANTENNA ANT 795-4MC WITH OMNIDIRECTIONAL CHARACTERISTIC; INCL. N-CONNECT MALE CONNECT. STRAIGHT; ANTENNA GAIN: 3/5 DBI; IP65 (-20-+60DGR C), 2.4/5GHZ; PLEASE NOTE WI-FI COMPLIANCE AND NATIONAL APPROVALS; DIRECT MOUNTING TO SCALANCE W WITH N-CONNECT CONNECT. METHOD; SCOPE OF SUPPLY:1X ANT795-4MC COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH

Wireless frequencies	
Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.4835 GHz
• for WLAN in 5 GHz frequency band 1	5.15 ... 5.35 GHz
• 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	
• of the WLAN antenna / in the 2.4 GHz frequency band	3 dB
• of the WLAN antenna / in the 5 GHz frequency band	5 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	360°

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• in the 5 GHz frequency band / horizontal	360°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	N-Connector
Design of plug-in connection	male, straight
Angle of inclination / downward / maximum	0°

Mechanical data

Material	
• of outer shell	Polycarbonate

Permitted ambient conditions

Ambient temperature	
• during operation	-20 ... +65 °C
• during storage	-20 ... +65 °C
• during transport	-20 ... +65 °C
Protection class IP	IP65

Design, dimensions and weight

Width	35 mm
Height	160 mm
Depth	13 mm
Net weight	35 kg
Mounting type	
• mast mounting	No
• wall mounting	No
• roof mounting	No
• directly on the device	Yes

Product properties, functions, components / general

Product feature / silicon-free	Yes

Standards, specifications, approvals

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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