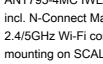
SIEMENS

Data sheet

6GK5795-4MC00-0AA3

Product type designation



Antenna ANT795-4MC



ANT795-4MC IWLAN antenna with omnidirectional Characteristic; incl. N-Connect Male connector straight; 3/5 dBi IP65 (-20-+60°C), 2.4/5GHz Wi-Fi compliance and Observe national approvals; Direct mounting on SCALANCE W with N-Connect connection system scope of delivery: 1x ANT795-4MC, compact instructions as hard copy 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°

• 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 g
Mounting type	
mast mounting	No
wall mounting	No
roof mounting	No
directly on the device	Yes
Product properties, functions, components / general	
Product properties, functions, components / general Product feature / silicon-free	Yes
Product feature / silicon-free	
Product feature / silicon-free Standards, specifications, approvals	
Product feature / silicon-free Standards, specifications, approvals Certificate of suitability	Yes
Product feature / silicon-free Standards, specifications, approvals Certificate of suitability • RoHS conformity	Yes Yes UL 94-HB Current national approvals can be found on the Internet under
Product feature / silicon-free Standards, specifications, approvals Certificate of suitability • RoHS conformity Product conformity Wireless approval	Yes Yes UL 94-HB
Product feature / silicon-free Standards, specifications, approvals Certificate of suitability • RoHS conformity Product conformity Wireless approval Further Information / Internet Links	Yes Yes UL 94-HB Current national approvals can be found on the Internet under
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07/15/2019