SIEMENS

Data sheet

radio frequencies

6GK5795-6MP00-0AA0

product type designation



Antenna ANT795-6MP

ANT795-6MP IWLAN antenna with omnidirectional characteristic incl. N-female connector: 5/7 dBi; IP65/67 (-40 - +80 °C); 2.4/5 GHz Wi-Fi compliance and national approvals to be observed; Mounting on wall or mast; compact instructions in German/English Scope of delivery: 1x ANT795-6MP, 1 x mounting aid

Taulo Trequeticies	
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 	4.94 5.925 GHz
antenna gain compared to spherical radiator	
 of the WLAN antenna / in the 2.4 GHz frequency band 	5 dB
 of the WLAN antenna / in the 5 GHz frequency band 	7 dB
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 	5 dB
 of the WLAN antenna / in the 5 GHz frequency band 	7 dB
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
 in the 2.4 GHz frequency band / horizontal 	360°
 in the 2.4 GHz frequency band / vertical 	25°
 in the 5 GHz frequency band / horizontal 	360°
• in the 5 GHz frequency band / vertical	15°; take the antenna diagram into account regarding the horizontal beam angle
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	female
angle of inclination / downward / maximum	0°
mechanical data	
material	
• of outer shell	UV-resistant white plastic
ambient conditions	
ambient temperature	
during operation	-40 +80 °C
during storage	-40 +80 °C
during transport	-40 +80 °C
protection class IP	IP65/67
•	

wind load / maximum resistance to salt-laden atmosphere / conformity acc. to EN 60068-2-52 design, dimensions and weights width Peight Beight		_	
EN 60068-2-52 design, dimensions and weights width 97 mm height 367 mm; incl. bracket depth 64 mm diameter 28.6 mm net weight 300 g fastening method • mast mounting Yes • wall mounting Yes • roof mounting No • directly on the device No product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes product 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 web page: selection aid TIA Selection Tool http://www.siemens.com/snst			
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