SIEMENS

Data sheet 6GK5795-6MP10-0AA0

product type designation	**Antenna ANT795-6MP**
	ANT795-6MP antenna for IWLAN (2.4/5/6 GHz), omnidirectional characteristic; including N-female plug: 5/8/8 dBi; IP65/67 (-40...+80 °C); Wi-Fi compliance and national approvals to be considered; mounting on wall or mast; scope of supply: 1x ANT795-6MP 1x mounting aid



product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK5795-6MP10-0AA0
suitability for operation	antenna for WLAN applications in the 2.4 / 5 and 6 GHz band
radio frequencies	
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 ... 5925 GHz
● with WLAN in 6 GHz frequency band	5925 ... 7125 Hz
electrical data	
antenna gain compared to spherical radiator	
● with linear radiation	typical maximum gain measured in open space
● of the WLAN antenna / in the 2.4 GHz frequency band	5 dB
● of the WLAN antenna / in the 5 GHz frequency band	8 dB
● of the WLAN antenna / in the 6 GHz frequency band	8 dB
impedance	50 Ω
polarization	linear, vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2.5
radiating angle of the antenna	take the antenna diagram into account regarding the horizontal beam angle
● 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	female
angle of inclination / downward / maximum	0°
mechanical data	
material	
● of outer shell	UV-resistant white ASA plastic
color	white
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP67
design, dimensions and weights	
width	97 mm

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height	361 mm; incl. bracket
depth	64 mm
diameter	28.6 mm
net weight	200 g
fastening method	
● mast mounting	Yes
● wall mounting	Yes
● roof mounting	No
● directly on the device	No
product features, product functions, product components / general	
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

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