

product type designation



Antenna ANT795-6DC

ANT795-6DC IWLAN antenna with weak directional effect; incl. N-female plug: 9 dBi; IP66/67 (-40-+80 °C), 2.4/5GHz; Wi-Fi compliance and observe national approvals; mounting on wall or mast compact instructions as hard copy German/English; scope of delivery: 1x ANT795-6DC, 1x mounting aid for alignment

product brand name

SCALANCE

Technical Product Detail Page

<https://l.siemens.com/1P6GK5795-6DC00-0AA0>

radio frequencies

type of wireless network / is supported

WLAN

operating frequency

- for WLAN in 2.4 GHz frequency band
- for WLAN in 5 GHz frequency band 1

2.4 ... 2.5 GHz
5.15 ... 5.875 GHz

electrical data

antenna gain compared to spherical radiator

- of the WLAN antenna / in the 2.4 GHz frequency band
- of the WLAN antenna / in the 5 GHz frequency band

9 dB
9 dB

impedance

50 Ω

polarization

Linear Vertical

radiation characteristic

Sector antenna

standing wave ratio (VSWR) / maximum

2

radiating angle of the antenna

- in the 2.4 GHz frequency band / horizontal
- in the 2.4 GHz frequency band / vertical
- in the 5 GHz frequency band / horizontal
- in the 5 GHz frequency band / vertical

75°
55°
55°
55°

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°

crosstalk attenuation / between the antenna connections

25 dB

front-to-back ratio

15 dB

mechanical data

material

- of outer shell

Lexan EXL 9330

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +80 °C
-40 ... +80 °C
-40 ... +80 °C

protection class IP

IP66/67

wind load / maximum

15 N; at 160 km/h

design, dimensions and weights

width

80 mm

height	101 mm
depth	35 mm
net weight	110 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
• railway application in accordance with EN 50155	Yes
• fire protection in accordance with EN 45545-2	Yes
Marine classification association / Korean Register of Shipping (KRS)	Yes
product conformity	UL 94-V0
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: WLAN country approval	https://www.siemens.com/wireless-approvals
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security information	
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