

product type designation



Antenna ANT795-4MB

ANT795-4MB IWLAN antenna with omnidirectional Characteristic, Radially rotatable, with additional joint, incl. RSMA connector: 2/3 dBi, IP65 (-20-+60 °C), 2.4/5 GHz; Wi-Fi compliance and national approvals to be observed; direct mounting on SCALANCE W with RSMA connection system; scope of delivery: 1xANT795-4MB , compact instructions as hard copy German/English.

product brand name

SCALANCE

Technical Product Detail Page

<https://l.siemens.com/1P6GK5795-4MB00-0AA0>

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 ... 5.85 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

2 dB
3 dB

impedance

50 Ω

polarization

Linear Vertical

radiation characteristic

omnidirectional

standing wave ratio (VSWR) / maximum

2

radiating angle of the antenna

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

360°
360°

number of electrical connections / of the antenna

1

type of electrical connection / of the antenna

RSMA Connector

design of plug-in connection

male, variable 0-90°

angle of inclination / downward / maximum

0°

mechanical data

material

- of outer shell

Polycarbonate

ambient conditions

ambient temperature

- during operation
- during storage

-20 ... +65 °C
-30 ... +70 °C

protection class IP

IP65

design, dimensions and weights

height

114 mm

diameter

12.9 mm

net weight

21.5 g

fastening method

- mast mounting
- wall mounting
- roof mounting

No
No
No

• directly on the device	Yes
product features, product functions, product components / general	
product feature / silicon-free	No
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
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: WLAN country approval • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/wireless-approvals https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
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