SIEMENS

## Data sheet 6GK5795-4MC00-0AA3

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|---|---|
| **product type designation** | **Antenna ANT795-4MC** |



ANT795-4MC IWLAN antenna with omnidirectional Characteristic; incl. N-Connect male plug 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.

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|---|---|
| product brand name | SCALANCE |
| Technical Product Detail Page | https://i.siemens.com/1P6GK5795-4MC00-0AA3 |
| **radio frequencies** | |
| type of wireless 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** | |
| 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 |
| 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 | 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 |
| **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 weights** | |
| width | 35 mm |
| height | 160 mm |
| depth | 13 mm |
| net weight | 26 g |
| fastening method | |


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| ● mast mounting | No |
| ● wall mounting | No |
| ● roof mounting | No |
| ● directly on the device | Yes |
| **product features, product functions, product components / general** | |
| product feature / silicon-free | Yes |
| **standards, specifications, approvals** | |
| certificate of suitability | |
| ● RoHS 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 website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| ● internet link / to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| ● Internet link / to website: WLAN country approval | https://www.siemens.com/wireless-approvals |
| ● internet link / to website: Industrial communication | https://www.siemens.com/simatic-net |
| ● internet link / to web page: SiePortal | https://sieportal.siemens.com/ |
| ● internet link / to website: Image database | https://www.automation.siemens.com/bilddb |
| ● internet link / to website: CAx-Download-Manager | https://www.siemens.com/cax |
| ● internet link / to website: Industry Online Support | https://support.industry.siemens.com |
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