# SIEMENS

**Data sheet**　　　　　　　　　　　　　　　　　　　　　　　**6GK5795-4MA00-0AA3**

| product type designation | Antenna ANT795-4MA |
|---|---|

ANT795-4MA IWLAN antenna with omnidirectional Characteristic, Radially rotatable, with additional joint, incl. RSMA connector: 3/5 dBi, IP30 (-20-+60°C), 2.4/5 GHz; Wi-Fi compliance and Observe national approvals; Direct mounting on SCALANCE W with RSMA connection system; scope of delivery: 1x ANT795-4MA, compact instructions as hard copy German/English

### 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

| | |
|---|---|
| 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 | 3 dB |
| ● of the WLAN antenna / in the 5 GHz frequency band | 5 dB |
| 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 | R-SMA 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 | -20 ... +65 °C |
| ● during storage | -20 ... +65 °C |
| ● during transport | -20 ... +65 °C |
| protection class IP | IP30 |

### design, dimensions and weights

| | |
|---|---|
| width | 35 mm |
| height | 160 mm |
| depth | 13 mm |
| net weight | 29 g |

| fastening method | |
|---|---|
| ● 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 web page: selection aid TIA Selection Tool | http://www.siemens.com/snst |
| ● to website: Industrial communication | http://www.siemens.com/simatic-net |
| ● to website: Industry Mall | https://mall.industry.siemens.com |
| ● to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| ● to website: Image database | http://automation.siemens.com/bilddb |
| ● to website: CAx-Download-Manager | http://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |

| **last modified:** | 12/16/2020 ⬀ |
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12.22.2020