

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.

| radio frequencies | |
|---|--------------------|
| type of wireless network / is supported | WLAN |
| operating frequency | |
| <ul style="list-style-type: none"> for WLAN in 2.4 GHz frequency band | 2.4 ... 2.4835 GHz |
| <ul style="list-style-type: none"> for WLAN in 5 GHz frequency band 1 | 5.15 ... 5.35 GHz |
| <ul style="list-style-type: none"> for WLAN in 5 GHz frequency band 2 | 5.725 ... 5.85 GHz |
| electrical data | |
| antenna gain compared to spherical radiator | |
| <ul style="list-style-type: none"> of the WLAN antenna / in the 2.4 GHz frequency band | 3 dB |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> in the 2.4 GHz frequency band / horizontal | 360° |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> of outer shell | Polycarbonate |
| ambient conditions | |
| ambient temperature | |
| <ul style="list-style-type: none"> during operation | -20 ... +65 °C |
| <ul style="list-style-type: none"> during storage | -20 ... +65 °C |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> mast mounting | No |
| <ul style="list-style-type: none"> wall mounting | No |
| <ul style="list-style-type: none"> roof mounting | No |

| | |
|--|---|
| <ul style="list-style-type: none"> • directly on the device | Yes |
| product features, product functions, product components / general | |
| product feature / silicon-free | Yes |
| standards, specifications, approvals | |
| certificate of suitability | |
| <ul style="list-style-type: none"> • RoHS conformity | Yes |
| product conformity | UL 94-HB |
| wireless approval | Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen |
| reference code / according to IEC 81346-2:2019 | TFB |
| further information / internet links | |
| internet link | |
| <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support | http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com |

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