

product type designation



Antenna ANT792-8DN

ANT792-8DN WLAN antenna with strong directional effect incl. N-female plug: 14 dBi, IP23, outdoor, (-40-+70 °C); 2.4 GHz, Wi-Fi compliance observe national approvals; mounting on wall or mast, compact instructions as hard copy German/English, scope of delivery: 1x ANT792-8DN, 1x mounting aid for alignment 1x mounting aid for alignment .

radio frequencies

| | |
|---|-----------------|
| type of wireless network / is supported | WLAN |
| operating frequency | 2.4 ... 2.7 GHz |
| <ul style="list-style-type: none"> for WLAN in 2.4 GHz frequency band | |
| antenna gain compared to spherical radiator | 14 dB |
| <ul style="list-style-type: none"> of the WLAN antenna / in the 2.4 GHz frequency band | |

electrical data

| | |
|---|-----------------|
| impedance | 50 Ω |
| polarization | linear vertical |
| radiation characteristic | directional |
| antenna gain compared to spherical radiator | 14 dB |
| <ul style="list-style-type: none"> of the WLAN antenna / in the 2.4 GHz frequency band | |
| standing wave ratio (VSWR) / maximum | 1.5 |
| radiating angle of the antenna | |
| <ul style="list-style-type: none"> in the 2.4 GHz frequency band / horizontal | 35° |
| <ul style="list-style-type: none"> in the 2.4 GHz frequency band / vertical | 30° |
| 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° |
| front-to-back ratio | 20 dB |

mechanical data

| | |
|--|-----|
| material | |
| <ul style="list-style-type: none"> of outer shell | ASA |

ambient conditions

| | |
|--|-------------------|
| ambient temperature | |
| <ul style="list-style-type: none"> during operation | -40 ... +80 °C |
| <ul style="list-style-type: none"> during storage | -40 ... +80 °C |
| <ul style="list-style-type: none"> during transport | -40 ... +80 °C |
| protection class IP | IP23 |
| wind load / maximum | 57 N; at 160 km/h |

design, dimensions and weights

| | |
|---|--------|
| width | 200 mm |
| height | 200 mm |
| depth | 43 mm |
| net weight | 500 g |
| fastening method | |
| <ul style="list-style-type: none"> mast mounting | Yes |

- wall mounting
- roof mounting
- directly on the device

Yes
No
No

product features, product functions, product components / general

product feature / silicon-free

Yes

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

reference code / according to IEC 81346-2:2019

TFB

further information / internet-Links

Internet-Link

- 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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