SIEMENS

## Data sheet 6GK5792-8DN00-0AA6

**product type designation**




**Antenna ANT792-8DN**

ANT792-8DN IWLAN 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 .

| | |
|---|---|
| product brand name | SCALANCE |
| Technical Product Detail Page | https://i.siemens.com/1P6GK5792-8DN00-0AA6 |
| **radio frequencies** | |
| type of wireless network / is supported | WLAN |
| operating frequency | |
| ● for WLAN in 2.4 GHz frequency band | 2.4 ... 2.7 GHz |
| **electrical data** | |
| antenna gain compared to spherical radiator | |
| ● of the WLAN antenna / in the 2.4 GHz frequency band | 14 dB |
| impedance | 50 Ω |
| polarization | Linear Vertical |
| radiation characteristic | directional |
| standing wave ratio (VSWR) / maximum | 1.5 |
| radiating angle of the antenna | |
| ● in the 2.4 GHz frequency band / horizontal | 35° |
| ● 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 | |
| ● of outer shell | ASA |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +80 °C |
| ● during storage | -40 ... +80 °C |
| ● 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 | |
| ● mast mounting | Yes |


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| | |
|---|---|
| ● wall mounting | Yes |
| ● roof mounting | No |
| ● directly on the device | 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 |
| **further information / internet links** | |
| internet link | |
| ● to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| ● to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| ● to web page: WLAN country approval | https://www.siemens.com/wireless-approvals |
| ● to website: Industrial communication | https://www.siemens.com/simatic-net |
| ● to web page: SiePortal | https://sieportal.siemens.com/ |
| ● to website: Image database | https://www.automation.siemens.com/bilddb |
| ● to website: CAx-Download-Manager | https://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |
| **security information** | |
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