

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 .

product brand name

SCALANCE

Technical Product Detail Page

<https://l.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
- in the 2.4 GHz frequency band / vertical

35°

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
- during storage
- during transport

-40 ... +80 °C

-40 ... +80 °C

-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

• 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
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: WLAN country approval • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/wireless-approvals https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

last modified:

3/10/2026 