

product type designation

RCoax Antenna ANT793-4MN

ANT793-4MN IWLAN antenna for RCoax systems; Lambda/4 with omnidirectional Characteristic, 6 dBi incl. N-female plug IP65 (-40-+70 °C), 5 GHz.



product brand name

SCALANCE

Technical Product Detail Page

<https://l.siemens.com/1P6GK5793-4MN00-0AA6>

radio frequencies

type of wireless network / is supported

WLAN

operating frequency

- for WLAN in 5 GHz frequency band 1

5.15 ... 5.85 GHz

electrical data

antenna gain compared to spherical radiator

- with linear radiation
- of the WLAN antenna / in the 5 GHz frequency band

maximum antenna gain

6 dB

impedance

50 Ω

polarization

vertical (lambda 5/8 characteristic)

radiation characteristic

omnidirectional

standing wave ratio (VSWR) / maximum

2

radiating angle of the antenna

- in the 5 GHz frequency band / horizontal
- in the 5 GHz frequency band / vertical

360°

40°

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°

mechanical data

material

- of outer shell

Polycarbonate

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C

-40 ... +70 °C

-40 ... +70 °C

protection class IP

IP65

design, dimensions and weights

height

78.7 mm

diameter

30 mm

net weight

65 g

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-V1
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

further information / internet links

internet link	
<ul style="list-style-type: none"> • 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	<p>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)</p>
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