

product type designation



Antenna ANT793-6DG

ANT793-6DG IWLAN antenna Dual-slant antenna with weak directional effect incl. 2x N-female connectors: 9 dBi; IP66/67 (-40-+80 °C), 5 GHz; Wi-Fi compliance and observe national approvals; mounting on wall or mast; compact instructions as hard copy German/English; scope of delivery: 1x ANT793-6DG, 1x mounting aid for alignment .

product brand name

SCALANCE

Technical Product Detail Page

<https://l.siemens.com/1P6GK5793-6DG00-0AA0>

radio frequencies

type of wireless network / is supported

WLAN

operating frequency

- for WLAN in 5 GHz frequency band 1

5.15 ... 5.875 GHz

electrical data

antenna gain compared to spherical radiator

- of the WLAN antenna / in the 5 GHz frequency band

9 dB

impedance

50 Ω

polarization

dual linear +/- 45° slant

radiation characteristic

Sector antenna

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

70°

60°

number of electrical connections / of the antenna

2

type of electrical connection / of the antenna

N-Connector

design of plug-in connection

female

angle of inclination / downward / maximum

0°

crosstalk attenuation / between the antenna connections

20 dB

front-to-back ratio

20 dB

mechanical data

material

- of outer shell

Lexan EXL 9330

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +80 °C

-40 ... +80 °C

-40 ... +80 °C

protection class IP

IP66/67

wind load / maximum

15 N; frontal at 160 km/h

design, dimensions and weights

width

80 mm

height

101 mm

depth

35 mm

net weight

110 g

fastening method

• mast mounting • wall mounting • roof mounting • directly on the device	Yes Yes No No
standards, specifications, approvals	
certificate of suitability • RoHS conformity • railway application in accordance with EN 50155 • fire protection in accordance with EN 45545-2	Yes Yes 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	
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