

## Data sheet

6GK5793-8DK00-0AA0

### product type designation



### Antenna ANT793-8DK

ANT793-8DK IWLAN antenna vertically-horizontally polarized with strong directional effect incl. 2x N-female socket; 23 dBi; IP67 (-45-+70 °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 ANT793-8DK, 1x mounting aid for alignment .

Technical Product Detail Page

<https://i.siemens.com/1P6GK5793-8DK00-0AA0>

### 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	23 dB
impedance	50 Ω
polarization	Dual linear vertical-horizontal
radiation characteristic	directional
standing wave ratio (VSWR) / maximum	1.7
radiating angle of the antenna	
• in the 5 GHz frequency band / horizontal	9°
• in the 5 GHz frequency band / vertical	9°
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	40 dB
front-to-back ratio	35 dB

### mechanical data

material	
• of outer shell	Polycarbonate

### ambient conditions

ambient temperature	
• during operation	-45 ... +70 °C
• during storage	-45 ... +70 °C
• during transport	-45 ... +70 °C
protection class IP	IP67
wind load / maximum	389 N; frontal at 220 km/h

### design, dimensions and weights

width	371 mm
height	371 mm
depth	40 mm
net weight	2500 g
fastening method	
• mast mounting	Yes

• wall mounting	Yes
• roof mounting	No
• directly on the device	No
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a>
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to web page: WLAN country approval	<a href="https://www.siemens.com/wireless-approvals">https://www.siemens.com/wireless-approvals</a>
• to website: Industrial communication	<a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
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 <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. 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 <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p>

last modified:

11/11/2025 