

## Data sheet

6GK5793-4MN00-0AA6

### product type designation

#### RCoax Antenna ANT793-4MN

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



### 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	
• of the WLAN antenna / in the 5 GHz frequency band	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	360°
• in the 5 GHz frequency band / vertical	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	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-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
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### 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 <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a>

**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

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