

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	5.15 ... 5.85 GHz
<ul style="list-style-type: none"> for WLAN in 5 GHz frequency band 1 	
antenna gain compared to spherical radiator	6 dB
<ul style="list-style-type: none"> of the WLAN antenna / in the 5 GHz frequency band 	

electrical data

impedance	50 Ω
polarization	vertical (lambda 5/8 characteristic)
radiation characteristic	omnidirectional
antenna gain compared to spherical radiator	6 dB
<ul style="list-style-type: none"> of the WLAN antenna / in the 5 GHz frequency band 	
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	360°
<ul style="list-style-type: none"> in the 5 GHz frequency band / horizontal 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	
<ul style="list-style-type: none"> of outer shell 	Polycarbonate

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation during storage 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	
<ul style="list-style-type: none"> RoHS conformity 	Yes
product conformity	UL 94-V1

wireless approval

reference code / according to IEC 81346-2:2019

Current national approvals can be found on the Internet under
www.siemens.com/funkzulassungen
TFB

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>
<http://www.siemens.com/simatic-net>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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