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Data sheet 6GK5793-4MN00-0AA6

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.



Technical Product Detail Page	https://i.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	maximum antenna gain
● 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
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes

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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	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: WLAN country approval	https://www.siemens.com/wireless-approvals
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
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