

Product type designation

RCoax Antenna ANT793-4MN

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



Radio frequencies

Type of mobile 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 	

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

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET 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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