

Product type designation

RCoax Antenna ANT792-4DN

ANT792-4DN IWLAN antenna for RCoax systems, 4 dBi Helix antenna, circular polarizing clockwise; incl. N-female connector IP65 (-40-+70°C), 2.4 GHz



Wireless frequencies

Type of mobile network / is supported	WLAN
Operating frequency	2.4 ... 2.4835 GHz
<ul style="list-style-type: none"> • for WLAN in 2.4 GHz frequency band 	

Electrical data

Impedance	50 Ω
Polarization	circular, clockwise
Radiation characteristic	Sector antenna
Antenna gain compared to spherical radiator	4 dB
<ul style="list-style-type: none"> • of the WLAN antenna / in the 2.4 GHz frequency band 	
Standing wave ratio (VSWR) / maximum	1.8
Radiating angle of the antenna	90°
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band / horizontal 	
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°

Front-to-back ratio	2.5 dB
Mechanical data	
Material	
<ul style="list-style-type: none"> • of outer shell 	Polycarbonate
Permitted 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 weight	
Height	78.7 mm
Diameter	30 mm
Net weight	114 g
Product properties, functions, components / general	
Product feature / silicon-free	Yes
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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