

Product type designation

RCoax Antenna ANT792-4DN

IWLAN RCOAX N-CONNECT FEMALE ANTENNA ANT792-4DN
2.4GHZ HELIX ANTENNA,CIRCULAR POLARIZATION
CLOCKWISE; ANTENNA FOR RCOAX SYSTEMS ANTENNA
AMPLIFYING AT 2.4GHZ 4DBI; IP67; AMBIENT TEMPERATURE -
40 UP TO +70 DEGR C



Wireless frequencies

Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.4835 GHz

Electrical data

Impedance	50 Ω
Polarization	circular, clockwise
Radiation characteristic	directional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	4 dB
Standing wave ratio (VSWR) / maximum	1.8
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	90°
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
Transmit power / maximum	1 W
Mechanical data	
Material	
• of outer shell	Polycarbonate
Permitted 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 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	
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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