

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

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 | |
| <ul style="list-style-type: none"> during operation during storage during transport | <p>-40 ... +70 °C</p> <p>-40 ... +70 °C</p> <p>-40 ... +70 °C</p> |
| 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 property / 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

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

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