

### 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



radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	2.4 ... 2.4835 GHz
<ul style="list-style-type: none"> <li>for WLAN in 2.4 GHz frequency band</li> </ul>	
electrical data	
impedance	50 Ω
polarization	Right hand circular
radiation characteristic	Sector antenna
antenna gain compared to spherical radiator	4 dB
<ul style="list-style-type: none"> <li>of the WLAN antenna / in the 2.4 GHz frequency band</li> </ul>	
standing wave ratio (VSWR) / maximum	1.8
radiating angle of the antenna	90°
<ul style="list-style-type: none"> <li>in the 2.4 GHz frequency band / horizontal</li> </ul>	
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	Polycarbonate
<ul style="list-style-type: none"> <li>of outer shell</li> </ul>	
ambient conditions	
ambient temperature	-40 ... +70 °C
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	
protection class IP	IP65
design, dimensions and weights	
height	78.7 mm
diameter	30 mm
net weight	114 g
product features, product functions, product components / general	
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	

• RoHS conformity	Yes
product conformity	UL 94-V1
wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a>

#### further information / internet-Links

##### Internet-Link

- to web page: selection aid TIA 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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