

### product type designation

### RCoax Antenna ANT793-4MN

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



radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 5 GHz frequency band 1	5.15 ... 5.85 GHz
electrical data	
antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 5 GHz frequency band	6 dB
impedance	50 Ω
polarization	vertical (lambda 5/8 characteristic)
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
• in the 5 GHz frequency band / horizontal	360°
• 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°
mechanical data	
material	
• of outer shell	Polycarbonate
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 weights	
height	78.7 mm
diameter	30 mm
net weight	65 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>

reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link	
<ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAX-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a> <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a> <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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