

### Product type designation



### Antenna ANT795-4MA

IWLAN ANTENNA ANT 795-4MA WITH OMNIDIRECTIONAL CHARACTERISTIC,RADIAL ROTATAB., WITH ADDITIONAL JOINT, ANTENNA GAIN: 3/5DBI, INCL. RSMA CONNECTOR, IP30 (-20-+60DGR C), 2.4/5 GHZ; PLEASE NOTE: WI-FI COMPLIANCE AND NATIONAL APPROVALS; DIRECT MOUNTING TO SCALANCE W WITH RSMA CONNECT. METHOD; SCOPE OF SUPPLY:1X ANT795-4MA COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH

### Wireless frequencies

#### Operating frequency

- |                                      |                    |
|--------------------------------------|--------------------|
| • for WLAN in 2.4 GHz frequency band | 2.4 ... 2.4835 GHz |
| • for WLAN in 5 GHz frequency band 1 | 5.15 ... 5.35 GHz  |
| • for WLAN in 5 GHz frequency band 2 | 5.725 ... 5.85 GHz |

### Electrical data

Impedance	50 $\Omega$
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	3 dB
• of the WLAN antenna / in the 5 GHz frequency band	5 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	360°
• in the 5 GHz frequency band / horizontal	360°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	R-SMA Connector
Design of plug-in connection	male, variable 0-90°
Angle of inclination / downward / maximum	0°

### Mechanical data

Material

- of outer shell

Polycarbonate

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-20 ... +65 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-20 ... +65 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-20 ... +65 °C
Protection class IP	IP30

### Design, dimensions and weight

Width	35 mm
Height	160 mm
Depth	13 mm
Net weight	26 g
Mounting type	
<ul style="list-style-type: none"> <li>• mast mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>• wall mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>• roof mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>• directly on the device</li> </ul>	Yes

### Product properties, functions, components / general

Product property / silicon-free	Yes
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### Standards, specifications, approvals

Wireless approval	Current national approvals can be found on the Internet under <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a>
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### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

last modified:

09.03.2015