

Product type designation



Antenna ANT795-4MD

IWLAN ANTENNA ANT 795-4MD WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECT. W. FIXED 90 DGR ANGLE; ANTENNA GAIN: 3/5 DBI; IP65 (-20-+60DGR C), 2.4/5GHZ; PLEASE NOTE WI-FI COMPLIANCE AND NATIONAL APPROVALS; DIRECT MOUNTING TO SCALANCE W WITH N-CONNECT CONNECT. METHOD; SCOPE OF SUPPLY:1X ANT795-4MD 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 Ω
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	N-Connector
Design of plug-in connection	male, 90° angle
Angle of inclination / downward / maximum	0°

Mechanical data

Material

- of outer shell

Polycarbonate

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-20 ... +65 °C
<ul style="list-style-type: none"> • during storage 	-20 ... +65 °C
<ul style="list-style-type: none"> • during transport 	-20 ... +65 °C
Protection class IP	IP65

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"> • mast mounting 	No
<ul style="list-style-type: none"> • wall mounting 	No
<ul style="list-style-type: none"> • roof mounting 	No
<ul style="list-style-type: none"> • directly on the device 	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 www.siemens.com/funkzulassungen
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Further Information / Internet Links

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

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