

Product type designation

Antenna ANT795-6MP

IWLAN ANTENNA ANT 795-6MP WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE PLUG 5/7 DBI, 2.4 AND 5 GHZ IP65 (-40-+80 DGR C), WI-FI COMPLIANCE AND NATIONAL APPROVALS WALL OR MAST MOUNTING, COMPACT MANUAL ON PAPER GERMAN/ENGLISH SCOPE OF SUPPLY: 1X ANT795-6MP 1X MOUNTING SUPPORT



Wireless frequencies

Type of mobile network / is supported	WLAN
Operating frequency	
<ul style="list-style-type: none"> • for WLAN in 2.4 GHz frequency band 	2.4 ... 2.5 GHz
<ul style="list-style-type: none"> • for WLAN in 5 GHz frequency band 1 	4.94 ... 5.925 GHz

Electrical data

Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	
<ul style="list-style-type: none"> • of the WLAN antenna / in the 2.4 GHz frequency band 	5 dB
<ul style="list-style-type: none"> • of the WLAN antenna / in the 5 GHz frequency band 	7 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band / horizontal 	360°
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band / vertical 	25°

<ul style="list-style-type: none"> • in the 5 GHz frequency band / horizontal 	360°
<ul style="list-style-type: none"> • in the 5 GHz frequency band / vertical 	15°
Opening angle / Note	Note the antenna diagram regarding horizontal beam angle
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	
<ul style="list-style-type: none"> • of outer shell 	UV-resistant white plastic

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-40 ... +80 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +80 °C
Wind load / maximum	19.6 N
Resistance to salt-laden atmosphere / conformity acc. to EN 60068-2-52	Yes; Severity 1

Design, dimensions and weight

Width	97 mm
Height	367 mm; incl. bracket
Depth	64 mm
Diameter	28.6 mm
Net weight	300 g
Mounting type	
<ul style="list-style-type: none"> • mast mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes
<ul style="list-style-type: none"> • roof mounting 	No
<ul style="list-style-type: none"> • directly on the device 	No

Product properties, functions, components / general

Product feature / silicon-free	Yes
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Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
Product conformity	UL 94-HB
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

Accessories

Further Information / Internet Links

Internet-Link	
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- 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

last modified:

<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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