SIEMENS

Product type designation

Antenna ANT795-6MP

ANT795-6MP IWLAN antenna with omnidirectional characteristic incl. N-female connector: 5/7 dBi; IP65/67 (-40 - +80 °C); 2.4/5 GHz Wi-Fi compliance and national approvals to be observed; Mounting on wall or mast; compact instructions in German/English Scope of delivery: 1x ANT795-6MP, 1 x mounting aid

Radio frequencies	
Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 GHz
• 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	
• of the WLAN antenna / in the 2.4 GHz frequency band	5 dB
• of the WLAN antenna / in the 5 GHz frequency band	7 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	360°
• in the 2.4 GHz frequency band / vertical	25°

• in the 5 GHz frequency band / horizontal	360°
• in the 5 GHz frequency band / vertical	15°
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	UV-resistant white plastic

Ambient conditions

Ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP65 / 67
Wind load / maximum	19.6 N
Resistance to salt-laden atmosphere / conformity acc. to EN 60068-2-52	Yes; Severity 1

Design, dimensions and weights

Width	97 mm
Height	367 mm; incl. bracket
Depth	64 mm
Diameter	28.6 mm
Net weight	300 g
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
• directly on the device	No

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-HB
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst

- 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/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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