SIEMENS

Data sheet 6GK5792-8DN00-0AA6

Product type designation



Antenna ANT792-8DN

ANT792-8DN IWLAN antenna with strong directional effect incl. N-female connector: 14 dBi, IP23, outdoor, (-40-+70 °C); 2.4 GHz, Wi-Fi compliance Observe national approvals; mounting on wall or mast compact instructions as hard copy German/English, scope of delivery: 1x ANT792-8DN, 1x terminating resistor TI795-1R 1x mounting aid for alignment

Radio frequencies	
Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.7 GHz

Electrical data	
Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	directional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	14 dB
Standing wave ratio (VSWR) / maximum	1.5
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	35°
• in the 2.4 GHz frequency band / vertical	30°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	N-Connector
Design of plug-in connection	female

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Angle of inclination / downward / maximum	0°
Front-to-back ratio	20 dB

Mechanical data

Material	
• of outer shell	ASA

Ambient conditions

Ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP23
Wind load / maximum	57 N; at 160 km/h

Design, dimensions and weights

Width	200 mm
Height	200 mm
Depth	43 mm
Net weight	500 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
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	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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