

product type designation



Antenna ANT792-8DN

ANT792-8DN IWLAN antenna with strong directional effect incl. N-female plug: 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 mounting aid for alignment 1x mounting aid for alignment .

radio frequencies

type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.7 GHz
antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	14 dB

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
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
fastening method	
• mast mounting	Yes
• wall mounting	Yes

<ul style="list-style-type: none"> • roof mounting 	No
<ul style="list-style-type: none"> • directly on the device 	No
product features, product functions, product components / general	
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to web page: selection aid TIA 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 	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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