

product type designation



Antenna ANT792-8DN

ANT792-8DN WLAN 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 wireless 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
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
- wall mounting
- roof mounting
- directly on the device

Yes
Yes
No
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

<p>Internet-Link</p> <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 	<p>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</p>
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