

### product type designation



### Antenna ANT792-6MN

ANT792-6MN WLAN antenna with omnidirectional characteristic incl. N-female connector: 6 dBi IP67 (-40 - +70 °C); 2.4 GHz; Wi-Fi compliance and national approvals to be observed; mounting on wall or mast, Compact instructions as hard copy German/English, Scope of delivery: 1x ANT792-6MN, 1x terminating resistor TI795-1R

radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 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	6 dB
standing wave ratio (VSWR) / maximum	1.8
radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	360°
• 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°
mechanical data	
material	
• of outer shell	Glass fiber
ambient conditions	
ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
protection class IP	IP67
wind load / maximum	3 N; at 160 km/h
design, dimensions and weights	
width	50 mm
height	370 mm
depth	40 mm
net weight	300 g
fastening method	
• mast mounting	Yes

- wall mounting
- roof mounting
- directly on the device

Yes  
No  
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](http://www.siemens.com/funkzulassungen)

#### further information / internet-Links

Internet-Link

- 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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