

Product type designation

Antenna ANT792-6MN

ANT792-6MN IWLAN 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



Wireless frequencies

Type of mobile network / is supported	WLAN
Operating frequency	2.4 ... 2.5 GHz
<ul style="list-style-type: none"> • for WLAN in 2.4 GHz frequency band 	

Electrical data

Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	6 dB
<ul style="list-style-type: none"> • of the WLAN antenna / in the 2.4 GHz frequency band 	
Standing wave ratio (VSWR) / maximum	1.8
Radiating angle of the antenna	360°
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band / horizontal • 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°
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Mechanical data

Material	
<ul style="list-style-type: none"> of outer shell 	Glass fiber

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-40 ... +80 °C
Protection class IP	IP67
Wind load / maximum	3 N; at 160 km/h

Design, dimensions and weight

Width	50 mm
Height	370 mm
Depth	40 mm
Net weight	300 g
Mounting type	
<ul style="list-style-type: none"> mast mounting wall mounting roof mounting directly on the device 	Yes Yes No No

Product properties, functions, components / general

Product feature / silicon-free	Yes
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Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET 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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